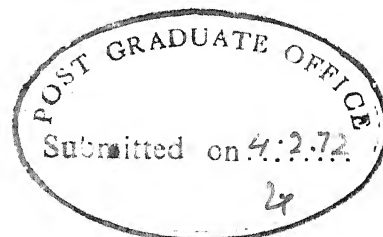


MOMENTUM AND MASS TRANSFER IN TURBULENT CONICAL WALL JETS

(VOLUME II)



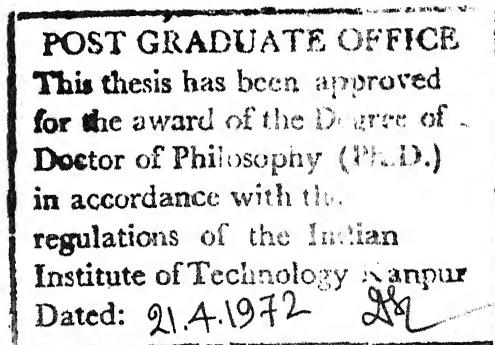
A Thesis Submitted
In Partial Fulfilment of the Requirements
for the Degree of
DOCTOR OF PHILOSOPHY

68131

BY
RAJENDRA NATH SHARMA

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to the



DEPARTMENT OF CHEMICAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY KANPUR

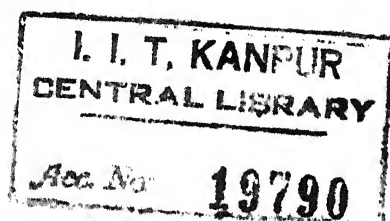
FEBRUARY 1972

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KEY TO THE DATA

The tables given on the pages A(ii) and A(iii) explain the physical configurations which were selected for measuring different physical parameters. These readings are tabulated on successive pages and the notation used is as follows:

X	Streamwise distance, in cms.
Y	Cross stream distance, in cms.
YC	Slot width, in cms. (the notation used for this in the main text is y_c)
$Y_{1/2}$	Value of y corresponding to half of the maximum velocity, in cms.
UC	Maximum velocity at the slot, in cms./sec. (Main text notation for this is u_c)
UMAX	Maximum velocity in cms/sec. (Main text notation for this is u_{max})
U	Mean velocity in x direction, in cms./sec. (Main text notation for this is u)
ALPHA or CONE ANGLE	- Half the angle of the cone, in degrees (Main text notation for this is α)
REC	Reynolds number at the slot (Main text notation for this is Re_c)
CW	Tracer gas concentration at the wall (Main text notation for this is C_w)
CS	Tracer gas concentration at the slot (Main text notation for this is C_s)

VELOCITY DATA SHOULD BE READ UP TO FOUR FIGURES ONLY.

TABLE 3.1: PROGRAMME OF EXPERIMENTAL INVESTIGATIONS

	Slot-width (y_c in cms)		Reference (Table Number)*	
	for velo- city data	For con- centration data	For velo- city data	for concen- tration data
11.25°	0.1016		A-1	
	0.1956		A-2	
	0.2921	0.3327	A-3	A-26, A-27
	0.6020	0.6325	A-4	A-28, A-29
	1.2624	1.2675	A-5	A-30, A-31
37.12°	0.1016		A-6	
	0.1956		A-7	
	0.3150	0.3175	A-8	A-32, A-33
	0.6210	0.6350	A-9	A-34, A-35
	1.2650	1.2675	A-10	A-36, A-37
53.92°	0.1029		A-11	
	0.2057		A-12	
	0.3073	0.3277	A-13	A-38, A-39
	0.6058	0.6350	A-14	A-40, A-41
	1.2725	1.2675	A-15	A-42, A-43 A-44

Table 3.1 (Continued)

	Slot-width (y_0 in cms)		Reference (Table Number)*	
	for velo- city data	for concen- tration data	for velo- city data	for concen- tration data
70.08°	0.1016		A-16	
	0.1956		A-17	
	0.3048	0.3302	A-18	A-45, A-46
	0.6350	0.6350	A-19	A-47, A-48
	1.2700	1.2649	A-20	A-49, A-50
90.00°	0.0991		A-21	
	0.1956		A-22	
	0.2921	0.3251	A-23	A-51, A-52
	0.5842	0.3226	A-24	A-53, A-54
	1.2573	0.6350	A-25	A-55, A-56, A-57
		0.6426		A-58
		1.2624		A-59, A-60
		1.2725		A-61, A-62

*Tables referred to here can be found in the 2nd volume of the thesis containing experimental data.

Jet-fluid = AIR

Jet-fluid density = 0.075 lb_m/cu.ft.

Tracer gas - Acetylene

REC= 3365.0

[illegible]

X----	0.00		1.74		2.74		3.74	
Y	U	Y	U	Y	U	Y	U	
						0.6800	454.68	
						0.7200	340.25	
						0.7600	272.81	
						0.8200	111.37	

TABLE A- 1

ALPHA= 11.25

YC= 0.1016

REC= 3363.0

X----	4.74		5.74		6.74		7.74	
Y	U	Y	U	Y	U	Y	U	
0.0600	1617.14	0.0600	1381.83	0.0600	1230.90	0.0600	1087.68	
0.0650	1613.96	0.0670	1383.61	0.0630	1228.48	0.0650	1095.02	
0.0700	1626.72	0.0720	1389.57	0.0680	1253.47	0.0700	1095.02	
0.0750	1643.16	0.0770	1408.78	0.0730	1261.69	0.0750	1095.02	
0.0800	1645.67	0.0820	1413.18	0.0780	1266.60	0.0850	1113.74	
0.0850	1655.69	0.0870	1430.62	0.0830	1269.86	0.0900	1132.15	
0.0900	1655.69	0.0920	1430.62	0.0880	1274.73	0.0950	1135.80	
0.0950	1655.69	0.0970	1430.62	0.0980	1282.82	0.1050	1150.26	
0.1000	1655.69	0.1070	1434.95	0.1080	1286.04	0.1100	1150.26	
0.1050	1655.69	0.1170	1437.83	0.1180	1289.25	0.1150	1159.22	
0.1150	1655.69	0.1270	1440.70	0.1280	1289.25	0.1200	1159.22	
0.1200	1655.69	0.1370	1445.00	0.1380	1289.25	0.1350	1164.55	
0.1300	1651.94	0.1470	1445.00	0.1480	1289.25	0.1450	1168.10	
0.1400	1651.94	0.1570	1445.00	0.1680	1289.25	0.1550	1171.63	
0.1600	1636.86	0.1670	1445.00	0.1880	1286.04	0.1650	1168.10	
0.1700	1613.96	0.1770	1437.83	0.1980	1282.82	0.1750	1168.10	
0.1900	1601.10	0.1870	1430.62	0.2180	1269.86	0.1950	1168.10	
0.2100	1575.07	0.1970	1416.10	0.2380	1261.69	0.2150	1168.10	
0.2300	1548.59	0.2070	1408.78	0.2580	1245.20	0.2350	1164.55	
0.2500	1510.75	0.2170	1401.42	0.2780	1228.48	0.2550	1159.22	
0.2700	1466.31	0.2270	1394.03	0.2980	1220.04	0.2750	1135.80	
0.2900	1423.38	0.2370	1391.06	0.3180	1211.54	0.3050	1122.98	
0.3100	1401.42	0.2470	1382.11	0.3380	1182.17	0.3350	1117.45	
0.3300	1367.07	0.2670	1364.05	0.3780	1146.66	0.3550	1104.42	
0.3500	1325.61	0.2870	1333.39	0.4080	1117.45	0.3950	1066.32	
0.3700	1269.86	0.3070	1309.93	0.4380	1095.02	0.4250	1046.76	
0.3900	1228.48	0.3170	1302.01	0.4680	1040.81	0.4550	1020.76	
0.4100	1206.41	0.3370	1286.04	0.5080	1006.48	0.4950	996.16	
0.4300	1176.92	0.3570	1253.47	0.5380	975.18	0.5250	953.75	
0.4500	1141.24	0.3770	1220.04	0.5680	931.82	0.5550	931.82	
0.4700	1075.97	0.3970	1185.67	0.5980	904.81	0.5950	897.93	

TABLE A- 1

ALPHA= 11.25

YC= 0.1016

REC= 3363.0

X= 8.74		9.74		10.74		11.74	
Y	U	Y	U	Y	U	Y	U
0.0600	987.67	0.0600	888.08	0.0600	814.96	0.0600	743.02
0.0700	985.73	0.0630	890.99	0.0630	825.97	0.0770	787.53
0.0800	985.73	0.0680	897.93	0.0680	838.39	0.0870	808.26
0.0900	1000.30	0.0730	897.93	0.0730	843.31	0.0970	813.36
0.1000	1012.63	0.0830	909.36	0.0780	850.63	0.1070	813.36
0.1100	1020.76	0.0930	920.66	0.0830	862.70	0.1170	818.43
0.1200	1036.83	0.1030	942.85	0.0930	862.70	0.1370	813.36
0.1300	1046.76	0.1130	953.75	0.1030	874.60	0.1470	813.36
0.1400	1056.59	0.1230	968.80	0.1230	886.34	0.1670	818.43
0.1500	1056.59	0.1330	979.42	0.1330	897.93	0.1870	838.39
0.1600	1056.59	0.1430	979.42	0.1430	904.81	0.2070	862.70
0.1800	1056.59	0.1530	979.42	0.1530	909.36	0.2170	862.70
0.2000	1062.44	0.1630	979.42	0.1630	909.36	0.2270	862.70
0.2200	1062.44	0.1830	992.00	0.1830	909.36	0.2470	862.70
0.2400	1062.44	0.1930	992.00	0.2030	916.16	0.2670	862.70
0.2700	1062.44	0.2030	996.16	0.2230	927.37	0.2970	850.63
0.3000	1056.59	0.2130	996.16	0.2430	916.16	0.3270	850.63
0.3300	1036.83	0.2230	996.16	0.2730	913.90	0.3470	843.31
0.3500	1026.82	0.2330	996.16	0.3130	909.36	0.3970	838.39
0.3800	1002.37	0.2430	996.16	0.3530	904.81	0.4470	825.97
0.4100	992.00	0.2530	996.16	0.3930	886.34	0.4970	800.55
0.4500	979.42	0.2630	992.00	0.4230	874.60	0.5470	787.53
0.4800	942.85	0.2830	992.00	0.4630	862.70	0.6470	760.83
0.5100	920.66	0.3030	992.00	0.5130	845.76	0.7470	704.39
0.5400	909.36	0.3330	985.73	0.5630	825.97	0.8470	652.59
0.5700	886.34	0.3630	964.53	0.6130	792.77	0.9470	592.83
0.6000	850.63	0.3930	942.85	0.6430	774.30	1.0470	549.39
0.6300	850.63	0.4130	931.82	0.6930	733.15	1.1470	498.08
0.6800	813.36	0.4430	927.37	0.7430	713.14	1.2470	431.35
0.7300	782.26	0.4830	897.93	0.7930	689.56	1.3470	363.75
0.7800	733.15	0.5130	886.34	0.8430	658.90	1.4470	287.57
0.8300	683.54	0.5430	862.70	0.9430	592.83	1.5470	203.34
0.8700	649.42	0.5930	825.97	1.0430	537.99	1.6470	90.94
0.9100	616.76	0.6330	813.36	1.1430	476.87		
0.9500	585.82	0.6730	782.26	1.2430	406.68		
0.9900	549.39	0.7130	760.83	1.3430	352.20		
1.0300	537.99	0.7530	733.15	1.4430	287.57		
1.0600	498.08	0.8030	704.39	1.5430	203.34		
1.1100	454.68	0.8530	668.24	1.6430	0.00		
1.1500	406.68	0.9030	626.74				
1.2100	363.75	0.9530	592.83				
1.2600	321.51	1.0030	545.62				
1.3200	265.12	1.0530	498.08				

A- 5

8.74		9.74		10.74		11.74	
Y	U	Y	U	Y	U	Y	U
1.3600	235.34	1.1530	431.35				
1.4000	192.91	1.2530	396.38				
		1.3530	340.25				
		1.4530	203.34				
		1.5530	0.00				

TABLE A- 1

ALPHA= 11.25

YC= 0.1016

REC= 3565.0

12.74		13.74					
Y	U	Y	U	Y	U	Y	U
0.0600	675.73	0.0600	634.55				
0.0710	704.39	0.0900	674.40				
0.0760	718.92	0.1300	704.39				
0.0860	733.15	0.1800	747.12				
0.0960	752.63	0.2500	760.83				
0.1060	752.63	0.3500	760.83				
0.1160	760.83	0.4500	733.15				
0.1260	760.83	0.5500	704.39				
0.1460	779.62	0.6500	674.40				
0.1660	787.53	0.7500	643.02				
0.1860	800.55	0.8500	610.02				
0.2060	800.55	0.9500	575.13				
0.2260	813.36	1.0500	537.99				
0.2560	813.36	1.1500	498.08				
0.2860	813.36	1.2500	454.68				
0.3060	813.36	1.3500	406.68				
0.3360	813.36	1.4500	352.20				
0.3660	813.36	1.5500	287.57				
0.3960	787.53	1.6500	203.34				
0.4260	782.26	1.7500	143.78				
0.4660	766.24	1.8500	0.00				
0.4960	766.24						
0.5460	755.37						
0.5960	727.49						
0.6460	718.92						
0.7460	689.56						
0.8460	616.76						
0.9460	582.28						
0.9960	556.87						
1.0460	530.25						

X----	12.74		13.74	
	Y	U	Y	U
	1.0960	498.08		
	1.1460	476.87		
	1.2460	445.50		
	1.3460	396.38		
	1.4460	321.51		
	1.5460	257.21		
	1.6460	192.91		
	1.7460	64.30		

TABLE A- 2

ALPHA= 11.25

YC= 0.1956

REC= 6474.0

X----	0.00		1.80		3.80		5.80	
	Y	U	Y	U	Y	U	Y	U
	0.0600	4948.83	0.0600	4215.01	0.0600	3176.00	0.0600	2593.19
	0.0670	4939.11	0.0650	4206.73	0.0710	3189.26	0.0650	2588.10
	0.0720	4939.11	0.0750	4211.64	0.0810	3215.09	0.0700	2604.02
	0.0770	4939.11	0.0850	4265.30	0.0910	3221.51	0.0800	2635.59
	0.0820	4939.11	0.0900	4289.46	0.1010	3202.20	0.0900	2659.02
	0.0920	4960.00	0.0950	4299.09	0.1110	3182.77	0.1000	2659.02
	0.1020	4939.11	0.1050	4265.30	0.1210	3163.23	0.1100	2659.02
	0.1120	4939.11	0.1100	4255.59	0.1310	3150.13	0.1200	2651.23
	0.1220	4939.11	0.1150	4216.55	0.1410	3150.13	0.1300	2651.23
	0.1320	4939.11	0.1250	4167.23	0.1610	3103.85	0.1400	2643.42
	0.1420	4897.08	0.1350	4092.14	0.1810	3022.87	0.1500	2635.59
	0.1470	4897.08	0.1450	4066.80	0.2010	2946.68	0.1600	2627.73
	0.1520	4875.92	0.1550	4025.93	0.2210	2861.25	0.1800	2588.10
	0.1690	4725.20	0.1650	3937.66	0.2410	2795.46	0.2000	2555.94
	0.2690	1202.98	0.1750	3863.46	0.2610	2720.50	0.2200	2498.68
	0.3690	0.00	0.1850	3738.36	0.2810	2635.59	0.2400	2482.08
			0.1950	3568.60	0.3010	2482.08	0.2600	2431.59
			0.2050	3402.53	0.3210	2388.70	0.2900	2336.20
			0.2150	3266.12	0.3410	2309.50	0.3100	2291.53
			0.2250	3150.13	0.3610	2236.74	0.3300	2227.48
			0.2350	3050.10	0.3810	2132.65	0.3600	2180.58
			0.2450	3002.28	0.4010	2002.67	0.4100	2033.40
			0.2550	2953.68	0.4110	1950.37	0.4300	1981.91
			0.2650	2861.25	0.4210	1896.63	0.4600	1934.40
			0.2750	2743.21	0.4310	1852.52	0.4900	1818.73
			0.2850	2580.10	0.4410	1821.00	0.5100	1736.15
			0.2950	2405.95	0.4510	1800.45	0.5400	1670.61

X----- 0.00		1.80		3.80		5.80	
Y	U	Y	U	Y	U	Y	U
0.3050	2245.96	0.4610	1760.98	0.5700	1601.10		
0.3250	2033.40	0.4710	1713.37	0.6000	1480.34		
0.3350	1932.27	0.4810	1645.67	0.6300	1386.59		
0.3450	1872.50	0.4910	1575.07	0.6600	1333.39		
0.3550	1818.73	0.5110	1445.00	0.6900	1228.48		
0.3650	1725.40	0.5310	1341.12	0.7200	1113.74		
0.3750	1616.52	0.5510	1302.01	0.7500	1085.54		
0.3850	1473.34	0.5710	1220.04	0.7800	975.18		
0.3950	1317.79	0.5910	1075.97	0.8100	867.48		
0.4050	1185.67	0.6110	953.75	0.8400	813.36		
0.4150	1046.76	0.6310	886.34	0.8700	733.15		
0.4250	975.18	0.6510	833.45	0.9000	636.55		
0.4350	886.34	0.6710	760.83	0.9200	575.13		
0.4450	833.45	0.6910	636.55	0.9400	537.99		
0.4550	800.55	0.7110	537.99	0.9600	510.38		
0.4750	639.79	0.7310	454.68	0.9800	454.68		
0.4850	506.31	0.7510	411.73	1.0100	340.25		
0.4950	396.38	0.7710	321.51	1.0400	287.57		
0.5050	249.04	0.7910	203.34	1.1000	203.34		
0.5150	90.94	0.8110	0.00	1.2000	111.37		

TABLE A- 2

ALPHA= 11.25

YC= 0.1956

REC= 6474.0

X----- 7.80		10.80		13.80		17.80	
Y	U	Y	U	Y	U	Y	U
0.0600	2194.35	0.0600	1787.81	0.0600	1517.83	0.0600	1272.36
0.0740	2208.84	0.0650	1807.33	0.0710	1536.53	0.0750	1294.05
0.0840	2236.74	0.0700	1807.33	0.0810	1575.07	0.0850	1325.61
0.0940	2236.74	0.0750	1830.06	0.0910	1607.54	0.0950	1356.45
0.1040	2245.96	0.0800	1852.52	0.1110	1624.18	0.1150	1379.12
0.1240	2245.96	0.0850	1858.09	0.1310	1639.38	0.1350	1382.11
0.1440	2236.74	0.0950	1880.21	0.1510	1651.94	0.1650	1408.78
0.1640	2245.96	0.1050	1894.45	0.1710	1664.41	0.1950	1419.02
0.1840	2227.48	0.1150	1891.17	0.1910	1658.19	0.2350	1437.83
0.2040	2218.18	0.1250	1896.63	0.2110	1664.41	0.2650	1430.62
0.2240	2208.84	0.1350	1897.72	0.2410	1661.92	0.2950	1430.62
0.2540	2161.53	0.1450	1905.33	0.2710	1651.94	0.3350	1419.02
0.2940	2122.93	0.1550	1900.98	0.3010	1651.94	0.3750	1419.02

X--- 7.80		10.80		13.80		17.80	
Y	U	Y	U	Y	U	Y	U
C.3240	2083.62	0.1650	1900.98	0.3410	1629.26	0.4150	1408.78
C.3640	2023.21	0.1750	1905.33	0.3710	1601.10	C.4550	1394.03
C.3940	1950.37	0.1850	1904.24	0.4010	1575.07	C.4850	1386.59
C.4340	1891.17	0.2050	1902.07	0.4410	1568.49	C.5350	1356.45
C.4640	1852.52	0.2250	1891.17	0.4810	1548.59	C.5850	1333.39
C.4940	1772.68	0.2450	1885.70	0.5310	1508.01	C.6350	1302.01
C.5240	1725.40	0.2750	1869.18	0.5810	1480.34	C.6850	1286.04
C.5540	1676.78	0.3050	1824.40	0.6310	1437.83	C.7350	1253.47
C.5840	1601.10	0.3450	1813.04	0.6810	1401.42	0.7850	1245.20
C.6140	1541.90	0.3850	1778.50	0.7310	1364.05	C.8350	1211.54
C.6540	1494.24	0.4250	1737.34	0.7810	1302.01	0.8850	1185.67
C.6940	1386.59	0.4750	1707.33	0.8310	1269.86	C.9350	1168.10
C.7340	1317.79	0.5150	1638.12	0.8810	1220.04	C.9850	1132.15
C.7740	1245.20	0.5550	1620.35	0.9310	1194.35	1.0350	1095.02
C.8140	1168.10	0.5950	1564.53	0.9810	1159.22	1.0850	1056.59
0.8440	1113.74	0.6350	1521.66	1.0310	1113.74	1.1350	1036.83
0.8740	1056.59	0.6750	1483.13	1.0810	1066.32	1.1850	1016.70
C.9040	985.73	0.7250	1408.78	1.1310	1016.70	1.2350	979.42
C.9440	920.66	0.7750	1351.87	1.1810	975.18	1.2850	953.75
C.9840	838.39	0.8250	1294.05	1.2310	909.36	1.3350	920.66
1.0240	758.11	0.8750	1228.48	1.2810	886.34	1.3850	886.34
1.0640	713.14	0.9250	1164.55	1.3310	843.31	1.4350	862.70
1.1040	613.40	0.9750	1113.74	1.3810	813.36	1.4850	825.97
1.1340	575.13	1.0250	1046.76	1.4310	747.12	1.5850	782.26
1.1640	534.13	1.0750	1006.48	1.4810	704.39	1.6850	704.39
1.1940	454.68	1.1250	931.82	1.5310	643.02	1.7850	643.02
1.2340	401.56	1.1750	862.70	1.5810	623.43	1.8850	585.82
1.2740	287.57	1.2250	776.96	1.6310	575.13	1.9850	537.99
1.3140	249.04	1.2750	733.15	1.6810	537.99	2.0850	476.87
1.3540	157.51	1.3250	668.24	1.7310	498.08	2.1850	416.72
1.3740	64.30	1.3750	610.02	1.7810	454.68	2.2850	321.51
		1.4250	537.99	1.8810	380.41	2.3850	287.57
		1.4750	493.91	1.9810	287.57	2.4850	203.34
		1.5250	406.68	2.0810	181.87	2.5850	143.78
		1.6250	287.57	2.1810	0.00	2.6850	0.00
		1.6750	249.04				
		1.7250	143.78				

TABLE A- 2

ALPHA= 11.25

YC= 0.1956

REC= 6474.0

X=--- 21.80		25.80		29.80		33.80	
Y	U	Y	U	Y	U	Y	U
0.0600	1097.18	0.0600	951.27	0.0600	869.19	0.0600	852.31
0.0670	1095.02	0.0710	958.07	0.0830	876.96	0.0810	881.66
0.0770	1113.74	0.0810	981.52	0.1230	920.66	0.1010	909.36
0.0870	1141.24	0.1010	1016.70	0.1730	975.18	0.1210	931.82
0.1070	1194.35	0.1210	1052.67	0.2130	1016.70	0.1410	942.85
0.1270	1202.98	0.1410	1079.81	0.2630	1026.82	0.1610	964.53
0.1570	1228.48	0.1710	1098.79	0.3430	1026.82	0.2010	979.42
0.1970	1261.69	0.2010	1104.42	0.3930	1026.82	0.2510	996.16
0.2370	1256.77	0.2310	1132.15	0.4430	1044.78	0.3010	1006.48
0.2670	1253.47	0.2610	1135.80	0.5430	1036.83	0.3510	1016.70
0.2970	1261.69	0.3010	1137.61	0.6430	1016.70	0.4010	1016.70
0.3270	1261.69	0.3210	1141.24	0.7430	1012.63	0.4510	1016.70
0.3670	1256.77	0.3410	1150.26	0.8430	1012.63	0.5010	1020.76
0.3970	1253.47	0.3710	1146.66	0.9430	996.16	0.5510	1016.70
0.4470	1250.17	0.4010	1146.66	1.1430	931.82	0.6510	1016.70
0.4970	1236.87	0.4410	1150.26	1.3430	897.93	0.8510	992.00
0.5470	1228.48	0.4810	1150.26	1.5430	805.70	1.0510	949.40
0.5970	1216.65	0.5210	1150.26	1.7430	774.30	1.3510	897.93
0.6470	1185.67	0.5710	1104.42	1.9430	718.92	1.7510	792.77
0.6970	1176.92	0.6210	1104.42	2.1430	643.02	1.9510	727.49
0.7470	1150.26	0.6710	1095.02	2.3430	592.83	2.5510	575.13
0.7970	1141.24	0.7210	1093.13	2.5430	530.25	2.9510	498.08
0.8970	1113.74	0.8210	1066.32	2.7430	476.87		
0.9970	1075.97	0.9210	1046.76	2.9430	406.68		
1.0970	1032.84	1.0210	996.16	3.1430	363.75		
1.1970	975.18	1.1210	964.53	3.3430	321.51		
1.2970	940.65	1.2210	942.85	3.5430	249.04		
1.3970	890.99	1.3210	909.36	3.7430	203.34		
1.4970	838.39	1.4210	886.34	3.9430	143.78		
1.5970	813.36	1.5210	838.39	4.0430	64.30		
1.6970	760.83	1.6210	805.70				
1.7970	718.92	1.7210	760.83				
1.8970	668.24	1.8210	733.15				
1.9970	616.76	1.9210	704.39				
2.0970	575.13	2.0210	658.90				
2.1970	530.25	2.1210	626.74				
2.2970	476.87	2.2210	589.34				
2.3970	431.35	2.3210	549.39				
2.4970	380.41	2.4210	518.42				
2.5970	352.20	2.5210	472.52				
2.6970	287.57	2.6210	431.35				
2.7970	249.04	2.7210	406.68				
2.8970	203.34	2.8210	363.75				

X--- 21.80		25.80		29.80		33.80	
Y	U	Y	U	Y	U	Y	U
2.9970	181.87	2.9210	340.25				
3.0970	0.00	3.0210	308.38				
		3.1210	287.57				
		3.2210	249.04				
		3.3210	203.34				
		3.4210	181.87				
		3.5210	64.30				

TABLE A- 3

ALPHA= 11.25

YC= 0.2921

REC= 9645.0

X--- 0.00		1.74		3.74		5.74	
Y	U	Y	U	Y	U	Y	U
C.0600	4957.22	0.0600	4383.97	0.0600	3644.62	0.0600	2987.42
C.0940	4947.48	0.0680	4427.03	0.0640	3654.47	0.0700	2995.39
C.1040	4947.48	0.0730	4482.71	0.0690	3671.40	0.0900	3050.10
C.1140	4939.11	0.0780	4519.46	0.0790	3693.85	0.1000	3063.63
C.1240	4939.11	0.0830	4533.16	0.0890	3705.03	0.1100	3063.63
C.1340	4939.11	0.0930	4569.50	0.0990	3705.03	0.1300	3063.63
C.1440	4918.14	0.1030	4605.55	0.1090	3699.45	0.1500	3063.63
C.1540	4909.72	0.1130	4636.87	0.1190	3705.03	0.1800	3077.09
C.1640	4909.72	0.1230	4667.97	0.1290	3705.03	C.2000	3056.87
C.1740	4897.08	0.1330	4650.22	0.1390	3682.64	0.2200	3050.10
C.1840	4867.44	0.1430	4614.52	0.1490	3654.47	0.2500	2932.61
C.1940	4811.90	0.1530	4564.97	0.1690	3591.70	0.2800	2765.72
C.2040	4725.20	0.1630	4510.30	0.1890	3527.82	0.3000	2712.89
C.2140	4601.06	0.1730	4473.48	0.2090	3480.62	0.3200	2674.52
C.2340	3963.83	0.1930	4408.31	0.2290	3402.53	0.3500	2666.78
C.2640	3521.95	0.2130	4265.30	0.2490	3272.45	0.3800	2572.07
C.2940	2728.09	0.2330	4015.64	0.2690	3150.13	0.4100	2490.40
		0.2430	3863.46	0.2790	3097.18	0.4400	2405.95
		0.2630	3637.46	0.2990	3016.02	0.4700	2255.15
		0.2830	3462.76	0.3290	2911.39	0.5000	2180.58
		0.3030	3297.62	0.3590	2682.24	0.5200	2132.65
		0.3230	3050.10	0.3890	2506.94	0.5400	2103.37
		0.3430	2697.61	0.4190	2405.95	0.5700	1950.37
		0.3630	2456.97	0.4490	2199.46	0.5900	1880.21
		0.3830	2291.53	0.4790	2043.54	0.6200	1835.70
		0.4030	2132.65	0.4990	1971.45	0.6500	1716.99
		0.4230	1896.63	0.5190	1902.07	0.6800	1581.61
		0.4330	1725.40	0.5390	1760.98	0.7100	1508.01

X----		0.00		1.74		3.74		5.74	
	Y		U	Y	U	Y	U	Y	U
				0.4430	1561.88	0.5590	1607.54	0.7400	1430.62
				0.4530	1452.14	0.5790	1487.50	0.7700	1294.05
				0.4630	1168.10	0.5990	1423.38	0.8000	1197.81
				0.4730	1075.97	0.6190	1356.45	0.8300	1132.15
				0.4830	1012.63	0.6390	1240.21	0.8600	1026.82
				0.4930	970.94	0.6490	1159.22	0.8900	909.36
				0.5030	862.70	0.6590	1085.54	0.9200	850.63
				0.5130	782.26	0.6690	1026.82	0.9500	760.83
				0.5230	649.42	0.6790	975.18	0.9800	636.55
				0.5330	498.08	0.6890	953.75	1.0000	592.83
				0.5430	391.13	0.6990	920.66	1.0200	545.62
				0.5530	272.81	0.7190	850.63	1.0500	468.12
				0.5630	111.37	0.7390	752.63	1.0800	363.75
				0.5730	0.00	0.7590	610.02	1.1100	272.81
						0.7790	498.08	1.1300	203.34
						0.7990	454.68	1.1500	0.00
						0.8190	380.41		
						0.8390	249.04		
						0.8590	0.00		

TABLE A- 3

ALPHA= 11.25

YC= 0.2921

REC= 9645.0

X----		7.74		10.74		13.74		17.74	
	Y		U	Y	U	Y	U	Y	U
	0.0600		2511.88	0.0600	2117.33	0.0600	1805.14	0.0600	1469.19
	0.0670		2531.56	0.0780	2132.65	0.0670	1801.60	0.0740	1508.01
	0.0720		2555.94	0.0880	2132.65	0.0770	1826.67	0.0940	1548.59
	0.0820		2588.10	0.1080	2171.08	0.0870	1841.32	0.1140	1575.07
	0.0920		2588.10	0.1280	2180.58	0.0970	1869.18	0.1340	1588.14
	0.1020		2611.95	0.1580	2208.84	0.1070	1869.18	0.1640	1613.96
	0.1120		2627.73	0.1880	2208.84	0.1270	1888.98	0.1940	1626.72
	0.1220		2627.73	0.2180	2180.58	0.1470	1896.63	0.2340	1639.38
	0.1420		2627.73	0.2580	2171.08	0.1670	1907.50	0.2740	1639.38
	0.1620		2619.85	0.2980	2132.65	0.1870	1921.54	0.3140	1626.72
	0.1820		2611.95	0.3280	2132.65	0.2070	1929.05	0.3640	1621.63
	0.2020		2588.10	0.3580	2122.93	0.2270	1918.31	0.4140	1607.54
	0.2220		2572.07	0.4080	2063.68	0.2570	1918.31	0.4640	1594.63
	0.2520		2555.94	0.4580	2018.09	0.2970	1907.50	0.5640	1560.36
	0.2820		2506.94	0.5080	1950.37	0.3370	1891.17	0.6640	1501.14
	0.3120		2473.74	0.5580	1900.98	0.3770	1852.52	0.7640	1459.24

X--- 7.74		10.74		13.74		17.74	
Y	U	Y	U	Y	U	Y	U
C.3420	2423.08	0.6080	1830.06	0.4170	1835.70	0.8640	1401.42
C.3820	2336.20	0.6580	1772.68	0.4570	1801.60	0.9640	1333.39
C.4220	2291.53	0.7080	1701.26	0.5070	1760.98	1.0640	1269.86
C.4520	2227.48	0.7580	1639.38	0.5570	1739.72	1.1640	1213.24
C.4920	2113.17	0.8080	1561.88	0.6070	1689.07	1.2640	1132.15
C.5320	2083.62	0.8580	1498.38	0.6570	1645.67	1.3640	1066.32
C.5720	1966.20	0.9080	1423.38	0.7070	1594.63	1.4140	1036.83
C.6120	1893.36	0.9580	1356.45	0.8070	1516.21	1.4640	1012.63
C.6420	1846.93	1.0080	1277.97	0.8570	1466.31	1.5140	964.53
C.6720	1758.63	1.0580	1211.54	0.9070	1423.38	1.5640	949.40
C.7020	1682.94	1.1080	1150.26	0.9570	1379.12	1.6140	897.93
C.7320	1634.33	1.1580	1075.97	1.0570	1289.25	1.6640	850.63
C.7620	1555.25	1.2080	996.16	1.1570	1194.35	1.7140	833.45
C.7920	1473.34	1.2580	942.85	1.2570	1095.02	1.7640	800.55
C.8120	1442.14	1.3080	862.70	1.3570	985.73	1.8140	760.83
C.8420	1401.42	1.3580	800.55	1.4570	897.93	1.8640	738.77
C.8820	1269.86	1.4080	733.15	1.5570	787.53	1.9140	689.56
C.9120	1220.04	1.4580	674.40	1.6570	704.39	1.9640	668.24
C.9420	1185.67	1.5080	585.82	1.7570	616.76	2.0640	592.83
C.9720	1085.54	1.5580	537.99	1.8570	498.08	2.1140	556.87
1.0020	1026.82	1.6080	454.68	1.9570	406.68	2.1640	537.99
1.0320	989.91	1.6580	406.68	2.0570	352.20	2.2640	476.87
1.0720	881.66	1.7080	321.51	2.1570	249.04	2.3640	406.68
1.1020	813.36	1.7580	203.34	2.2570	90.94	2.4640	352.20
1.1420	755.37	1.8080	90.94			2.5640	287.57
1.1820	643.02	1.8580	0.00			2.6640	203.34
1.2120	610.02					2.7640	0.00
1.2420	549.39						
1.2720	454.68						
1.3020	406.68						
1.3320	352.20						
1.3320	352.20						
1.3620	249.04						
1.3920	143.78						

TABLE A- 3

ALPHA= 11.25

YC= 0.2921

REC= 9645.0

X--- 21.74		25.74		29.74		35.74	
Y	U	Y	U	Y	U	Y	U
C.0600	1272.36	0.0600	1125.19	0.0600	1028.84	0.0600	876.32
C.0700	1277.97	0.0700	1171.63	0.0680	1026.82	0.0720	886.34
C.0800	1333.39	0.0800	1185.67	0.0780	1036.83	0.0820	916.16
C.0900	1348.81	0.0900	1202.98	0.0980	1075.97	0.1020	958.07
C.1000	1364.05	0.1100	1250.17	0.1180	1113.74	0.1220	992.00
C.1200	1394.03	0.1300	1261.69	0.1380	1141.24	0.1520	1006.48
C.1400	1394.03	0.1600	1269.86	0.1680	1150.26	0.1820	1016.70
C.1600	1408.78	0.1900	1269.86	0.1980	1168.10	0.2120	1036.83
C.1800	1423.38	0.2200	1286.04	0.2380	1176.92	0.2520	1042.80
C.2100	1433.51	0.2500	1292.45	0.2680	1194.35	0.2920	1052.67
C.2500	1445.00	0.2800	1309.93	0.2980	1194.35	0.3720	1056.59
C.2800	1452.14	0.3100	1309.93	0.3280	1202.98	0.4720	1066.32
C.3100	1452.14	0.3500	1309.93	0.3580	1211.54	0.5720	1075.97
C.3700	1445.00	0.3900	1298.83	0.3880	1211.54	0.6720	1066.32
C.4200	1437.83	0.4300	1298.83	0.4180	1211.54	0.7720	1066.32
C.4700	1419.02	0.4700	1298.83	0.4580	1211.54	0.8720	1056.59
C.5200	1416.10	0.5200	1298.83	0.5080	1199.53	0.9720	1036.83
C.5700	1394.03	0.5700	1279.59	0.5580	1199.53	1.0720	1016.70
C.6200	1371.60	0.6200	1266.60	0.6080	1199.53	1.1720	996.16
C.6700	1364.05	0.6700	1250.17	0.6580	1194.35	1.2720	975.18
C.7700	1325.61	0.7200	1250.17	0.7080	1185.67	1.3720	953.75
C.8700	1286.04	0.7700	1228.48	0.8080	1168.10	1.4720	931.82
C.9700	1253.47	0.8200	1228.48	0.9080	1150.26	1.5720	909.36
1.0700	1185.67	0.8700	1211.54	1.0080	1110.02	1.6720	886.34
1.1700	1150.26	0.9200	1194.35	1.1080	1079.81	1.7720	862.70
1.2700	1104.42	0.9700	1185.67	1.2080	1072.12	1.8720	838.39
1.3700	1056.59	1.0200	1176.92	1.3080	1030.84	1.9720	818.43
1.4700	1016.70	1.0700	1153.85	1.4080	1016.70	2.0720	787.53
1.5700	964.53	1.1200	1121.14	1.5080	985.73	2.1720	760.83
1.6700	920.66	1.1700	1113.74	1.6080	964.53	2.2720	747.12
1.7700	886.34	1.2200	1091.24	1.7080	942.85	2.3720	704.39
1.8700	813.36	1.2700	1075.97	1.8080	909.36	2.4720	704.39
1.9200	774.30	1.3200	1062.44	1.9080	862.70	2.5720	674.40
1.9700	760.83	1.3700	1036.83	2.0080	813.36	2.6720	649.42
2.0200	747.12	1.4200	1012.63	2.1080	787.53	2.8720	610.02
2.0700	727.49	1.4700	996.16	2.2080	760.83	3.0720	575.13
2.1200	686.55	1.5700	953.75	2.3080	738.77	3.2720	537.99
2.1700	674.40	1.6700	916.16	2.4080	710.24	3.4720	498.08
2.2700	626.74	1.7700	893.31	2.6080	643.02	3.6720	454.68
2.3700	556.87	1.8700	862.70	2.8080	575.13	3.8720	406.68
2.4700	537.99	1.9700	825.97	2.9080	556.87	4.0720	352.20
2.5700	476.87	2.0700	782.26	3.1080	506.31	4.2720	308.38
2.6700	421.65	2.1700	727.49	3.3080	454.68	4.4720	257.21

21.74		25.74		29.74		35.74	
Y	U	Y	U	Y	U	Y	U
2.7700	343.75	2.2700	698.50	3.5080	380.41	4.6720	222.75
2.8700	321.51	2.3700	665.14	3.7080	321.51	4.8720	181.87
2.9700	289.04	2.4700	633.30	3.9030	272.81	5.0720	143.78
3.0700	253.34	2.5700	564.25	4.1080	203.54	5.2720	90.94
3.1700	193.78	2.6700	537.99	4.3080	181.87	5.4720	64.30
3.2700	64.30	2.7700	485.47	4.3780	128.60	5.6720	0.00
		2.9700	445.50				
		3.1700	363.75				
		3.3700	301.60				
		3.5700	240.60				
		3.7700	181.87				
		3.9700	90.94				

TABLE A- 3

ALPHA= 11.25

YC= 0.2921

REC= 9645.0

X= 41.74

Y	U
0.0600	789.08
0.0680	787.53
0.0880	838.39
0.1080	862.70
0.1380	904.81
0.1680	909.36
0.1980	909.36
0.2380	913.90
0.2780	931.82
0.3480	964.53
0.3980	975.18
0.4980	975.18
0.5980	975.18
0.6980	975.18
0.7980	975.18
0.9980	953.75
1.0980	931.82
1.1980	920.66
1.2980	920.66
1.3980	909.36
1.4980	897.93
1.6980	862.70
1.8980	838.39

X---- 41.74

Y	U
2.0980	813.36
2.2980	787.53
2.4980	733.15
2.6980	674.40
2.8980	643.02
3.0980	610.02
3.2980	575.13
3.4980	537.99
3.6980	498.08
3.8980	454.68
4.0980	431.35
4.2980	406.68
4.4980	363.75
4.6980	334.12
4.8980	301.60
5.0980	265.12
5.2980	231.84
5.4980	181.87
5.6980	143.78
6.0980	90.94

TABLE A- 4

ALPHA= 11.25

YC= 0.6020

REC= 17330.0

X----	0.00	1.80	3.80	5.80			
Y	U	Y	U	Y	U	Y	U
0.0600	4224.85	0.0600	3822.51	0.0600	3598.77	0.0600	3366.34
0.0650	4216.55	0.0700	3858.11	0.0630	3597.45	0.0690	3402.53
0.0750	4216.55	0.0800	3937.66	0.0730	3660.12	0.0790	3444.80
0.0850	4250.73	0.0900	3937.66	0.0830	3732.83	0.0890	3504.30
0.0950	4274.98	0.1000	4005.33	0.0930	3787.80	0.0990	3521.95
0.1050	4274.98	0.1100	4076.95	0.1030	3842.00	0.1090	3568.60
0.1150	4299.09	0.1200	4092.14	0.1130	3895.43	0.1190	3591.70
0.1250	4299.09	0.1300	4132.36	0.1230	3927.15	0.1290	3631.77
0.1350	4299.09	0.1400	4167.23	0.1330	3963.83	0.1390	3648.81
0.1450	4313.49	0.1500	4191.96	0.1430	3995.00	0.1590	3693.85
0.1550	4313.49	0.1600	4216.55	0.1630	4041.30	0.1790	3693.85
0.1650	4313.49	0.1700	4216.55	0.1730	4066.80	0.1990	3705.03
0.1750	4313.49	0.1800	4236.11	0.1830	4071.88	0.2190	3705.03
0.1850	4313.49	0.1900	4250.73	0.1930	4076.95	0.2390	3693.85

X----	0.00		1.80		3.80		5.80	
	Y	U	Y	U	Y	U	Y	U
C.2050	4313.49		0.2000	4250.73	0.2030	4071.88	0.2590	3677.03
C.2250	4313.49		0.2100	4250.73	0.2130	4076.95	0.2790	3660.12
C.2450	4313.49		0.2200	4265.30	0.2230	4082.02	0.3090	3626.07
C.2650	4313.49		0.2300	4274.98	0.2330	4082.02	0.3390	3533.67
C.2850	4313.49		0.2400	4265.30	0.2430	4076.95	0.3690	3456.78
C.3050	4313.49		0.2500	4265.30	0.2530	4066.80	0.3990	3384.25
C.3250	4299.09		0.2600	4279.81	0.2630	4061.71	0.4290	3285.06
C.3550	4265.30		0.2700	4279.81	0.2730	4056.62	0.4590	3169.76
C.3750	4265.30		0.2800	4279.81	0.2830	4031.06	0.4890	3077.09
C.3950	4240.99		0.3000	4279.81	0.3030	3974.24	0.5190	3002.28
C.4150	4191.96		0.3200	4279.81	0.3230	3948.15	0.5490	2897.15
C.4350	4132.36		0.3500	4250.73	0.3430	3900.74	0.5790	2795.46
C.4550	4056.62		0.3700	4216.55	0.3630	3815.00	0.6090	2697.61
C.4750	3937.66		0.3900	4167.23	0.3830	3749.40	0.6390	2572.07
C.4980	3776.87		0.4100	4117.32	0.4030	3693.85	0.6690	2465.37
			0.4300	4015.64	0.4230	3626.07	0.6990	2336.20
			0.4500	3900.74	0.4430	3521.95	0.7290	2245.96
			0.4700	3765.91	0.4630	3414.66	0.7590	2132.65
			0.4900	3637.46	0.4830	3341.22	0.7990	2033.40
			0.5000	3580.17	0.5030	3234.32	0.8290	1929.05
			0.5100	3510.19	0.5230	3150.13	0.8590	1809.61
			0.5200	3432.77	0.5430	3029.70	0.8790	1749.20
			0.5400	3247.08	0.5630	2932.61	0.8990	1674.32
			0.5600	3016.02	0.5930	2802.85	0.9190	1611.40
			0.5800	2861.25	0.6130	2682.24	0.9390	1535.18
			0.6000	2666.78	0.6330	2572.07	0.9590	1445.00
			0.6200	2490.40	0.6530	2465.37	0.9790	1399.95
			0.6400	2273.41	0.6830	2291.53	0.9990	1328.73
			0.6700	1971.45	0.7030	2190.04	1.0190	1276.35
			0.6900	1781.98	0.7430	2022.19	1.0390	1194.35
			0.7000	1689.07	0.7530	1939.74	1.0590	1126.66
			0.7100	1607.54	0.7730	1830.06	1.0790	1075.97
			0.7200	1525.73	0.7830	1778.50	1.0990	1012.63
			0.7300	1423.38	0.7930	1725.40	1.1190	958.07
			0.7400	1320.93	0.8130	1639.38	1.1390	886.34
			0.7600	1121.14	0.8230	1598.52	1.1590	813.36
			0.7700	1020.76	0.8430	1494.24	1.1790	760.83
			0.7800	942.85	0.8530	1437.83	1.1990	704.39
			0.7900	869.86	0.8730	1317.79	1.2190	646.22
			0.8100	718.92	0.8930	1236.87	1.2390	596.31
			0.8200	652.59	0.9130	1146.66	1.2590	518.42
			0.8400	518.42	0.9330	1056.59	1.2790	476.87
			0.8500	380.41	0.9530	953.75	1.2990	406.68
			0.8600	287.57	0.9730	850.63	1.3190	358.02
			0.8700	222.75	0.9930	774.30	1.3390	287.57
			0.8800	0.00	1.0130	701.45	1.3590	181.87
					1.0330	596.31	1.3790	111.37

X----	0.00		1.80		3.80		5.80	
	Y	U	Y	U	Y	U	Y	U
					1.0530	498.08		
					1.0730	421.65		
					1.0930	327.88		
					1.1130	203.34		
					1.1330	64.30		

TABLE A- 4

ALPHA= 11.25

YC= 0.6020

REC= 17330.0

X----	7.80		10.80		13.80		19.80	
	Y	U	Y	U	Y	U	Y	U
C.0600	3008.19		0.0600	2672.03	0.0600	2340.80	0.0600	1848.32
C.0730	3043.31		0.0760	2712.89	0.0700	2362.60	0.0700	1852.52
C.0830	3083.80		0.0860	2743.21	0.0800	2380.03	0.0800	1852.52
C.1030	3150.13		0.0960	2788.06	0.0900	2405.95	0.0900	1852.52
C.1130	3163.23		0.1060	2788.06	0.1000	2423.08	0.1000	1852.52
C.1230	3202.20		0.1160	2817.56	0.1100	2448.54	0.1100	1852.52
C.1330	3215.09		0.1260	2832.20	0.1200	2465.37	0.1200	1874.70
C.1430	3221.51		0.1360	2846.76	0.1300	2473.74	0.1300	1918.31
C.1530	3221.51		0.1460	2861.25	0.1400	2490.40	0.1400	1945.06
C.1630	3253.44		0.1560	2875.66	0.1500	2506.94	0.1500	1955.66
C.1730	3266.12		0.1660	2875.66	0.1600	2515.18	C.1600	1971.45
C.1930	3266.12		0.1760	2875.66	0.1700	2523.38	0.1700	1979.83
C.2130	3247.08		0.1860	2875.66	0.1900	2531.56	0.1800	1990.24
C.2330	3227.92		0.1960	2875.66	0.2100	2531.56	0.1900	1994.39
C.2530	3215.09		0.2060	2875.66	0.2400	2531.56	0.2000	2018.09
C.2730	3215.09		0.2260	2875.66	0.2700	2531.56	0.2100	2028.31
C.3030	3202.20		0.2460	2875.66	0.3000	2515.18	0.2200	2028.31
C.3330	3163.23		0.2660	2875.66	0.3200	2482.08	0.2300	2028.31
C.3630	3097.18		0.2860	2875.66	0.3400	2448.54	0.2400	2043.54
C.3930	3077.09		0.3060	2861.25	0.3600	2405.95	0.2510	2038.48
C.4230	3002.28		0.3260	2839.49	0.3800	2388.70	0.2600	2053.63
C.4530	2960.68		0.3360	2824.89	0.4000	2388.70	0.2700	2053.63
C.4830	2890.00		0.3560	2802.85	0.4200	2362.60	0.2800	2053.63
C.5130	2861.25		0.3760	2788.06	0.4400	2345.03	0.2900	2058.66
C.5430	2758.24		0.3960	2788.06	0.4600	2336.20	0.3000	2058.66
C.5730	2712.89		0.4160	2750.73	0.4800	2300.53	0.3100	2058.66
C.6030	2651.23		0.4360	2728.09	0.5000	2291.53	0.3200	2063.68
C.6330	2588.10		0.4560	2705.26	0.5200	2255.15	0.3300	2063.68
C.6630	2506.94		0.4760	2666.78	0.5400	2255.15	0.3400	2063.68
C.6930	2423.08		0.4960	2651.23	0.5900	2208.84	0.3500	2068.68

ALPHA= 11.25 YC= 0.6020 REC= 17330.0

X----	25.80		29.80		35.80		41.80	
	Y	U	Y	U	Y	U	Y	U
	C.0600	1538.21	0.0600	1383.34	0.0600	1170.40	0.0600	1062.58
	C.0770	1588.14	0.0750	1380.62	0.0750	1182.17	0.0700	1075.97
	C.0870	1619.08	0.0850	1407.31	0.0950	1220.04	0.0800	1104.42
	C.0970	1635.59	0.0950	1426.28	0.1150	1253.47	0.0900	1117.45
	C.1070	1658.19	0.1050	1452.14	0.1450	1302.01	0.1000	1132.15
	C.1270	1676.78	0.1150	1470.53	0.1750	1336.49	0.1100	1150.26
	C.1370	1682.94	0.1350	1506.64	0.2150	1356.45	0.1200	1159.22
	C.1570	1707.33	0.1550	1508.01	0.2450	1379.12	0.1300	1168.10
	C.1770	1725.40	0.1850	1548.59	0.2850	1391.06	0.1400	1182.17
	C.1970	1742.09	0.2150	1568.49	0.3250	1401.42	0.1500	1194.35
	C.2270	1760.98	0.2450	1581.61	0.3550	1408.78	0.1600	1194.35
	C.2570	1765.67	0.2750	1593.33	0.4150	1420.47	0.1700	1202.98
	C.2870	1770.34	0.3150	1594.63	0.4650	1411.71	0.1800	1202.98
	C.3170	1760.98	0.3550	1598.52	0.5150	1411.71	0.1900	1233.52
	C.3470	1760.98	0.3950	1603.68	0.5650	1411.71	0.2000	1233.52
	C.3970	1760.98	0.4450	1607.54	0.6150	1408.78	0.2100	1233.52
	C.4470	1760.98	0.4950	1601.10	0.6650	1405.84	0.2200	1233.52
	C.4670	1749.20	0.5450	1597.22	0.7150	1394.03	0.2300	1236.87
	C.5170	1743.28	0.5950	1597.22	0.7650	1379.12	0.2400	1253.47
	C.5670	1743.28	0.6450	1594.63	0.8150	1370.10	0.2500	1245.20
	C.6170	1725.40	0.6950	1557.91	0.8650	1364.05	0.2600	1245.20
	C.6670	1710.96	0.7950	1528.44	0.9150	1362.53	0.2700	1253.47
	C.7170	1689.07	0.8950	1510.75	0.9650	1348.81	0.2800	1261.69
	C.7670	1676.78	0.9950	1499.76	1.0150	1347.27	0.3000	1266.60
	C.8170	1658.19	1.0950	1453.56	1.1150	1339.58	0.3200	1261.69
	C.8670	1649.44	1.1950	1411.71	1.2150	1289.25	0.3400	1269.86
	C.9170	1620.35	1.2950	1377.62	1.3150	1282.82	0.3600	1277.97
	C.9670	1601.10	1.3950	1345.74	1.4150	1245.20	0.3800	1282.82
	1.0170	1573.75	1.4950	1302.01	1.5150	1208.12	0.4100	1289.25
	1.0670	1555.25	1.5950	1286.04	1.6150	1192.62	0.4400	1289.25

X-25-80 25.80

29.80

35.80

41.80

Y	U
1.1170	1532.49
1.1670	1510.75
1.2170	1478.94
1.2670	1463.48
1.3170	1423.51
1.3670	1408.78
1.4170	1394.03
1.4670	1359.49
1.5170	1327.17
1.5670	1309.93
1.6670	1253.47
1.7670	1220.04
1.8670	1164.55
1.9670	1095.02
2.0670	1046.76
2.1670	1006.48
2.2670	962.38
2.3670	920.66
2.4670	862.70
2.5670	813.36
2.6670	755.37
2.7670	718.92
2.8670	677.46
2.9670	626.74
3.0670	571.53
3.1670	506.31
3.2670	450.11
3.3670	431.35
3.4670	374.94
3.5670	308.38
3.6670	287.57
3.7670	272.81
3.8670	203.34
3.9670	170.13
4.0670	90.94
4.1670	64.30
4.2670	0.00

Y	U
1.6950	1250.17
1.7950	1194.35
1.8950	1171.63
1.9950	1111.88
2.0950	1056.59
2.1950	1036.83
2.2950	996.16
2.3950	953.75
2.4950	918.41
2.5950	857.89
2.6950	825.97
2.7950	779.62
2.8950	710.24
2.9950	695.53
3.0950	658.90
3.1950	626.74
3.2950	571.53
3.3950	534.13
3.4950	498.08
3.5950	472.52
3.6950	431.35
3.8950	352.20
4.0950	287.57
4.2950	203.34
4.4950	0.00

Y	U
1.7150	1176.92
1.8150	1117.45
1.9150	1111.88
2.0150	1074.05
2.1150	1064.38
2.3150	985.73
2.5150	931.82
2.7150	865.09
2.9150	808.26
3.1150	774.30
3.2150	704.39
3.4150	655.75
3.5150	643.02
3.6150	610.02
3.7150	592.83
3.8150	541.82
3.9150	489.71
4.0150	476.87
4.1150	431.35
4.2150	411.73
4.3150	401.56
4.5150	346.28
4.7150	301.60
4.9150	265.12
5.1150	170.13
5.3150	128.60
5.5150	90.94

Y	U
0.4700	1302.01
0.5100	1298.83
0.5500	1277.97
0.5900	1286.04
0.6300	1277.97
0.6700	1286.04
0.7100	1286.04
0.7600	1269.86
0.8100	1261.69
0.8600	1261.69
0.9100	1261.69
0.9600	1253.47
1.0100	1245.20
1.1100	1223.42
1.2100	1202.98
1.3100	1176.92
1.4100	1159.22
1.5100	1159.22
1.6100	1122.98
1.7100	1104.42
1.8100	1075.97
1.9100	1056.59
2.0100	1036.83
2.1100	1016.70
2.2100	996.16
2.3100	975.18
2.4100	953.75
2.5100	936.25
2.6100	897.93
2.7100	874.60
2.8100	850.63
2.9100	825.97
3.0100	800.55
3.1100	774.30
3.2100	760.83
3.3100	733.15
3.4100	704.39
3.5100	674.40
3.6100	643.02
3.7100	616.76
3.8100	603.20
3.9100	582.28
4.0100	575.13
4.1100	567.90
4.3100	498.08
4.5100	454.68
4.7100	406.68

A-21

X----	25.80		29.80		35.80		41.80	
Y	U	Y	U	Y	U	Y	U	
						4.9100	363.75	
						5.1100	352.20	
						5.4100	272.81	
						5.7100	222.75	
						6.0100	170.13	
						6.2100	143.78	
						6.4100	90.94	
						6.6100	0.00	

TABLE A- 5

ALPHA= 11.25

YC= 1.2624

REC= 27840.0

X----	0.00		3.80		5.80		10.80	
Y	U	Y	U	Y	U	Y	U	
C.0600	3089.87	0.0600	2648.62	0.0600	2478.61	0.0600	2136.85	
C.0730	3097.18	0.0880	2712.89	0.0700	2506.94	0.0680	2199.46	
C.0830	3150.13	0.1180	2846.76	0.0900	2580.10	0.1080	2227.48	
C.1730	3189.26	0.1580	2875.66	0.1200	2651.23	0.1380	2291.53	
C.2030	3189.26	0.2080	2904.28	0.1500	2712.89	0.1680	2318.43	
C.2130	3215.09	0.2380	2904.28	0.1800	2728.09	0.1980	2318.43	
C.2330	3291.35	0.2880	2904.28	0.2100	2728.09	0.2280	2336.20	
C.2530	3291.35	0.3380	2890.00	0.2300	2743.21	0.2780	2345.03	
C.2730	3303.88	0.3880	2861.25	0.2600	2773.19	0.3180	2336.20	
C.2930	3303.88	0.4380	2817.56	0.3000	2743.21	0.3680	2318.43	
C.3230	3303.88	0.4880	2795.46	0.3300	2743.21	0.4180	2318.43	
C.3430	3291.35	0.5380	2750.73	0.3600	2735.66	0.4880	2300.53	
C.3730	3259.79	0.6380	2682.24	0.3900	2728.09	0.5380	2273.41	
C.4030	3215.09	0.7380	2588.10	0.4400	2689.94	0.5880	2227.48	
C.4330	3195.74	0.8380	2465.37	0.4800	2643.42	0.6380	2180.58	
C.4630	3150.13	0.9380	2318.43	0.5200	2627.73	0.6880	2151.95	
C.5030	3070.37	1.0380	2142.32	0.5700	2572.07	0.7280	2122.93	
C.5230	3029.70	1.1380	2006.79	0.6500	2506.94	0.8280	2083.62	
C.5530	3002.28	1.2380	1770.34	0.7100	2423.08	0.9280	1999.57	
C.5830	2967.65	1.2880	1664.41	0.7700	2397.34	0.9880	1945.06	
C.6130	2932.61	1.3380	1557.91	0.8400	2318.43	1.0180	1918.31	
C.6530	2875.66	1.3880	1437.83	0.9400	2180.58	1.0580	1869.18	
C.6930	2817.56	1.4380	1317.79	1.0900	2002.67	1.1080	1818.73	
C.7430	2795.46	1.4880	1202.98	1.1400	1923.69	1.1580	1790.09	
C.7930	2728.09	1.5380	1072.12	1.1900	1841.32	1.1980	1742.09	
C.8430	2697.61	1.5880	947.22	1.2400	1760.98	1.2380	1701.26	
C.8930	2651.23	1.6180	886.34	1.2900	1682.94	1.2880	1639.38	

X----	0.00		3.80		5.80		10.80	
	Y	U	Y	U	Y	U	Y	U
0.9430	2627.73		1.6480	813.36	1.3400	1607.54	1.3380	1594.63
0.9930	2604.02		1.6780	738.77	1.3900	1514.85	1.3880	1557.91
1.0430	2572.07		1.7180	649.42	1.4400	1430.62	1.4380	1508.01
1.1430	2515.18		1.7580	537.99	1.4900	1364.05	1.4880	1440.70
1.2430	2456.97		1.7880	489.71	1.5400	1286.04	1.5680	1367.07
			1.8180	406.68	1.5800	1216.65	1.6180	1236.49
			1.8480	352.20	1.6200	1141.24	1.6580	1289.25
			1.8780	272.81	1.6700	1050.70	1.6980	1245.20
			1.9180	0.00	1.7200	970.94	1.7380	1211.54
					1.7700	904.81	1.7880	1166.33
					1.8100	838.39	1.8380	1117.45
					1.8600	766.24	1.8880	1066.32
					1.9100	680.51	1.9380	1016.70
					1.9500	610.02	1.9880	973.06
					1.9800	567.90	2.0380	925.14
					2.0200	472.52	2.0880	879.31
					2.0600	416.72	2.1380	833.45
					2.1200	301.60	2.1880	787.53
					2.1800	222.75	2.2380	733.15
					2.2400	128.60	2.2880	695.53
					2.2800	0.00	2.3380	668.24
							2.3880	610.02
							2.4380	567.90
							2.4880	518.42
							2.5380	481.19
							2.6380	352.20
							2.7380	287.57
							2.8380	157.51
							2.9380	0.00

TABLE A- 5

ALPHA= 11.25

YC= 1.2624

REC= 27840.0

X----	13.80		17.80		21.80		25.80	
	Y	U	Y	U	Y	U	Y	U
0.0600	1932.85		0.0600	1680.09	0.0600	1508.23	0.0600	1366.73
0.0690	1939.74		0.0770	1725.40	0.0680	1531.14	0.0700	1401.42
0.0790	1971.45		0.0970	1781.98	0.0880	1573.75	0.0800	1423.38
0.0990	2015.02		0.1070	1793.55	0.1080	1611.40	0.0900	1452.14
0.1190	2043.54		0.1170	1807.33	0.1280	1636.86	0.1000	1480.34
0.1390	2073.67		0.1370	1839.08	0.1480	1651.94	0.1100	1494.24

X----- 13.80		17.80		21.80		25.80	
Y	U	Y	U	Y	U	Y	U
0.1690	2113.17	0.1470	1849.16	0.1680	1666.89	0.1200	1501.14
0.1990	2122.93	0.1770	1874.70	0.1880	1687.84	0.1300	1508.01
0.2290	2122.93	0.2070	1894.45	0.2180	1701.26	0.1400	1508.01
0.2590	2122.93	0.2270	1896.63	0.2480	1707.33	0.1500	1521.66
0.2990	2122.93	0.2570	1907.50	0.2880	1727.79	0.1600	1535.18
0.3390	2122.93	0.2970	1918.31	0.3180	1739.72	0.1700	1548.59
0.3890	2122.93	0.3270	1918.31	0.3580	1739.72	0.1800	1555.25
0.4890	2103.37	0.3770	1918.31	0.3880	1743.28	0.1900	1559.23
0.5890	2063.68	0.4170	1918.31	0.4180	1743.28	0.2000	1561.88
0.6890	1997.50	0.4570	1907.50	0.4480	1749.20	0.2100	1568.49
0.7390	1981.91	0.4970	1885.70	0.4780	1749.20	0.2200	1581.61
0.7890	1950.37	0.5470	1874.70	0.5080	1743.28	0.2300	1581.61
0.8390	1918.31	0.6170	1872.50	0.5380	1731.38	0.2400	1581.61
0.8890	1874.70	0.6670	1846.93	0.5690	1725.40	0.2500	1581.61
0.9390	1841.32	0.7670	1807.33	0.5980	1710.96	0.2600	1581.61
0.9890	1818.73	0.8670	1755.10	0.6280	1701.26	0.2700	1588.14
1.0390	1784.30	0.9670	1713.37	0.6580	1686.62	0.2800	1590.74
1.0890	1737.34	1.0670	1664.41	0.6880	1682.94	0.2900	1594.63
1.1390	1713.37	1.1670	1612.68	0.7180	1679.25	0.3000	1594.63
1.1890	1680.48	1.2670	1548.59	0.7480	1676.78	0.3100	1598.52
1.2390	1639.38	1.3670	1494.24	0.7780	1664.41	0.3300	1601.10
1.2890	1598.52	1.4670	1437.83	0.8080	1658.19	0.3500	1611.40
1.3390	1557.91	1.5670	1379.12	0.8380	1645.67	0.3700	1611.40
1.3890	1528.44	1.6670	1325.61	0.8680	1626.72	0.4000	1613.96
1.4390	1485.91	1.7670	1261.69	0.8980	1613.96	0.4300	1613.96
1.4890	1452.14	1.8670	1194.35	0.9280	1601.10	0.4700	1613.96
1.5390	1408.78	1.9670	1139.43	0.9580	1594.63	0.5200	1611.40
1.5890	1371.60	2.0670	1075.97	0.9880	1588.14	0.5700	1598.52
1.6390	1333.39	2.1670	1032.84	1.0180	1585.53	0.6200	1588.14
1.6890	1286.04	2.2670	975.18	1.0480	1561.88	0.6700	1581.61
1.7390	1251.82	2.3670	909.36	1.0780	1548.59	0.7200	1568.49
1.7890	1206.41	2.4670	850.63	1.1080	1535.18	0.7700	1559.23
1.8390	1185.67	2.5670	787.53	1.1380	1521.66	0.8200	1535.18
1.8890	1150.26	2.6670	727.49	1.1680	1508.01	0.8700	1524.37
1.9390	1106.29	2.7670	658.90	1.1980	1494.24	0.9200	1514.85
1.9890	1062.44	2.8670	610.02	1.2280	1480.34	0.9700	1494.24
2.0390	1030.84	2.9670	578.72	1.2580	1487.30	1.0200	1480.34
2.0890	989.91	3.0670	498.08	1.2880	1473.34	1.0700	1459.24
2.1390	942.85	3.1670	454.68	1.3180	1463.48	1.1200	1452.14
2.1890	911.63	3.2670	380.41	1.3480	1454.98	1.1700	1437.83
2.2390	895.62	3.4670	249.04	1.3780	1445.00	1.2200	1423.38
2.2890	850.63	3.5670	203.34	1.4080	1423.38	1.2700	1408.78
2.3390	805.70	3.6670	111.37	1.4380	1416.10	1.3200	1394.03
2.3890	774.30			1.4680	1401.42	1.3700	1379.12
2.4390	733.15			1.4980	1391.06	1.4200	1364.05
2.4890	695.53			1.5280	1377.62	1.4700	1333.39
2.5390	643.02			1.5580	1364.05	1.5200	1317.79

X--- 13.80

Y	U
2.6390	592.83
2.7390	498.08
2.8390	431.35
2.9390	352.20
3.0390	287.57
3.1390	231.84
3.2390	111.37
3.3390	0.00

Y 17.80 U

21.80

Y	U
1.5880	1348.81
1.6180	1336.49
1.6480	1325.61
1.6780	1317.79
1.7080	1302.01
1.7380	1286.04
1.7680	1269.86
1.7980	1253.47
1.8280	1236.87
1.8580	1220.04
1.8880	1202.98
1.9180	1185.67
1.9480	1171.63
2.0280	1159.22
2.1080	1141.24
2.1380	1128.49
2.1680	1113.74
2.1980	1095.02
2.2280	1079.81
2.2580	1066.32
2.3180	1036.83
2.3580	1036.83
2.4580	981.52
2.5580	920.66
2.6580	874.60
2.7580	813.36
2.8580	787.53
3.0580	680.51
3.2580	603.20
3.4580	518.42
3.6580	406.68
3.8580	321.51
4.0580	203.34
4.2580	170.13
4.4780	0.00

25.80

Y	U
1.5800	1294.05
1.6200	1277.97
1.6700	1253.47
1.7200	1236.87
1.7700	1211.54
1.8700	1176.92
1.9700	1150.26
2.0700	1113.74
2.1700	1075.97
2.2700	1036.83
2.3700	996.16
2.4700	960.23
2.5700	927.37
2.6700	1091.24
2.7900	825.97
2.8700	787.53
2.9700	747.12
3.1700	674.40
3.2700	643.02
3.3700	626.74
3.4700	575.13
3.5700	537.99
3.6700	498.08
3.7700	454.68
3.8700	406.68
3.9700	363.75
4.0700	321.51
4.1700	287.57
4.2700	249.04
4.3700	203.34
4.4700	203.34
4.5700	181.87
4.7700	90.94
5.0700	0.00

TABLE A- 5

ALPHA= 11.25

YC= 1.2624

REC= 27840.0

X--- 29.80		35.80		45.80		55.80	
Y	U	Y	U	Y	U	Y	U
C.0600	1255.94	0.0600	1134.38	0.0600	933.66	0.0600	773.14
C.0700	1277.97	0.0700	1132.15	0.0810	983.63	0.0790	787.53
C.0800	1309.93	0.0800	1150.26	0.1110	1016.70	0.0990	813.36
C.0900	1317.79	0.0900	1185.67	0.1410	1042.80	0.1290	874.60
C.1000	1348.81	0.1000	1202.98	0.1810	1064.38	0.1590	890.99
C.1100	1364.05	0.1100	1220.04	0.2110	1075.97	0.1990	909.36
C.1200	1379.12	0.1200	1228.48	0.2510	1113.74	0.2490	942.85
C.1300	1379.12	0.1300	1236.87	0.2910	1113.74	0.2990	953.75
C.1400	1386.59	0.1400	1253.47	0.3310	1128.49	0.3490	962.38
C.1500	1394.03	0.1500	1253.47	0.3810	1132.15	0.4090	992.00
C.1600	1401.42	0.1600	1261.69	0.4310	1135.80	0.4490	989.91
C.1700	1405.84	0.1700	1261.69	0.4910	1135.80	0.5090	989.91
C.1800	1416.10	0.1800	1273.11	0.5410	1146.66	0.5290	989.91
C.1900	1408.78	0.1900	1277.97	0.6010	1150.26	0.6290	989.91
C.2000	1437.83	0.2000	1286.04	0.6510	1150.26	0.7290	989.91
C.2100	1445.00	0.2110	1286.04	0.7010	1146.66	0.9290	1000.30
C.2200	1447.86	0.2200	1286.04	0.7510	1146.66	1.1290	996.16
C.2300	1452.14	0.2300	1294.05	0.8510	1146.66	1.3290	996.16
C.2400	1452.14	0.2400	1302.01	0.9510	1122.98	1.6290	949.40
0.2500	1452.14	0.2500	1302.01	1.0510	1113.74	1.9290	916.16
C.2600	1456.40	0.2600	1302.01	1.1510	1108.16	2.2290	886.34
C.2700	1456.40	0.2700	1309.93	1.2510	1102.55	2.6290	833.45
C.2800	1459.24	0.2800	1309.93	1.3510	1089.34	3.0290	768.94
0.2900	1463.48	0.2900	1309.93	1.4510	1083.63	3.4290	716.03
C.3000	1466.31	0.3000	1309.93	1.5510	1056.59	3.8290	652.59
C.3100	1469.12	0.3100	1309.93	1.6510	1036.83	4.2290	620.10
C.3200	1473.34	0.3200	1309.93	1.7510	1022.78	4.6290	556.87
0.3300	1476.14	0.3300	1309.93	1.8510	994.08	4.8290	510.38
0.3400	1480.34	0.3400	1309.93	1.9510	992.00	5.2290	472.52
0.3500	1480.34	0.3500	1314.65	2.0510	964.53	5.6290	406.68
C.3600	1483.13	0.3600	1317.79	2.1510	958.07	5.9290	374.94
0.3700	1487.30	0.3710	1317.79	2.2510	945.04	6.3290	340.25
0.3800	1487.30	0.3800	1320.93	2.3510	931.82	6.6290	287.57
0.4100	1487.30	0.3900	1325.61	2.4510	904.81	7.0290	231.84
0.4400	1487.30	0.4000	1330.29	2.5510	884.00	7.3290	181.87
0.4700	1487.30	0.4100	1333.39	2.6510	872.23	7.6290	143.78
C.5000	1487.30	0.4200	1336.49	2.7510	850.63		
C.5300	1487.30	0.4300	1341.12	2.8510	833.45		
0.5600	1480.34	0.4400	1341.12	2.9510	813.36		
0.5900	1473.34	0.4500	1341.12	3.0510	800.55		
C.6300	1473.34	0.4600	1341.12	3.1510	782.26		
0.6900	1473.34	0.4700	1344.20	3.2510	744.35		
C.7800	1459.24	0.4800	1344.20	3.3510	724.64		

X--- 29.80		35.80		45.80		55.80	
Y	U	Y	U	Y	U	Y	U
0.8800	1437.83	0.4900	1344.20	3.4510	713.14		
0.9800	1408.78	0.5000	1341.12	3.5510	698.50		
1.0800	1379.12	0.5200	1341.12	3.6510	674.40		
1.1800	1348.81	0.5400	1341.12	3.7510	652.59		
1.2800	1341.12	0.5800	1341.12	3.8510	639.79		
1.3800	1302.01	0.6000	1341.12	3.9510	626.74		
1.4800	1269.86	0.6500	1341.12	4.0510	603.20		
1.5800	1236.87	0.7000	1341.12	4.1510	575.13		
1.6800	1202.98	0.7200	1341.12	4.3510	549.39		
1.7800	1159.22	0.7400	1341.12	4.5510	498.08		
1.8800	1132.15	0.7600	1341.12	4.7510	472.52		
1.9800	1122.98	0.8000	1333.39	4.9510	454.68		
2.0800	1085.54	0.8500	1317.79	5.1510	426.53		
2.1800	1056.59	0.9000	1302.01	5.3510	363.75		
2.2800	1026.82	0.9500	1294.05	5.5510	346.28		
2.3800	996.16	1.0000	1286.04	5.8510	280.28		
2.4800	964.53	1.0500	1277.97	6.0510	249.04		
2.5800	931.82	1.1000	1269.86	6.2510	222.75		
2.6800	920.66	1.2000	1261.69	6.5510	170.13		
2.7800	909.36	1.3000	1236.87	6.8510	111.37		
2.8800	886.34	1.4000	1211.54	7.1510	90.94		
2.9800	874.60	1.5000	1194.35	7.3510	64.30		
3.1800	800.55	1.6000	1168.10				
3.3800	733.15	1.7000	1132.15				
3.5800	674.40	1.8000	1095.02				
3.7800	610.02	1.9000	1085.54				
3.9800	556.87	2.0000	1075.97				
4.1800	476.87	2.1000	953.75				
4.3800	406.68	2.2000	1036.83				
4.5800	363.75	2.3000	996.16				
4.7800	321.51	2.4000	953.75				
4.9800	249.04	2.5000	931.82				
5.1800	203.34	2.6000	909.36				
5.3800	143.78	2.7000	886.34				
5.5800	0.00	2.8000	862.70				
		2.9000	830.96				
		3.0000	800.55				
		3.1000	766.24				
		3.2000	733.15				
		3.3000	718.92				
		3.4000	718.92				
		3.6000	658.90				
		3.8000	610.02				
		4.0000	556.87				
		4.2000	537.99				
		4.4000	498.08				
		4.6000	454.68				

X--- 29.80		35.80		45.80		55.80	
Y	U	Y	U	Y	U	Y	U
		4.8000	406.68				
		5.0000	321.51				
		5.2000	272.81				
		5.4000	222.75				
		5.6000	181.87				
		5.8000	143.78				
		6.0000	64.30				

TABLE A- 6

ALPHA= 37.12

YC= 0.1016

REC= 3115.0

X--- 0.00		0.45		0.95		1.95	
Y	U	Y	U	Y	U	Y	U
0.0600	4593.98	0.0600	4321.98	0.0600	3800.73	0.0600	2367.25
0.0650	4600.09	0.0650	4299.09	0.0670	3793.26	0.0660	2362.60
0.0700	4589.69	0.0700	4431.69	0.0820	4041.30	0.0710	2336.20
0.0750	4590.31	0.0750	4408.31	0.0870	4201.81	0.0810	2380.03
0.0800	4590.10	0.0800	4478.10	0.0920	4117.32	0.0910	2388.70
		0.0850	4417.68	0.0970	4071.88	0.1010	2318.43
		0.0900	4313.49	0.1020	4051.52	0.1110	2309.50
		0.0950	4226.34	0.1070	4005.33	0.1210	2282.49
		0.1000	3963.83	0.1120	3868.81	0.1310	2227.48
		0.1050	3462.76	0.1170	3682.64	0.1410	2208.84
		0.1100	3117.14	0.1220	3384.25	0.1510	2180.58
		0.1150	2689.94	0.1270	3083.80	0.1610	2122.93
		0.1200	2180.58	0.1320	2743.21	0.1710	2083.62
		0.1250	1772.68	0.1370	2405.95	0.1810	2053.63
		0.1300	1364.05	0.1420	2012.96	0.1910	1945.06
		0.1350	1036.83	0.1470	1645.67	0.2010	1872.50
		0.1400	733.15	0.1490	1535.18	0.2110	1723.00
		0.1450	498.08	0.1520	1317.79	0.2210	1636.86
		0.1500	352.20	0.1550	1150.26	0.2310	1588.14
		0.1550	143.78	0.1590	968.80	0.2410	1521.66
		0.1600	0.00	0.1620	818.43	0.2510	1452.14
				0.1650	689.56	0.2610	1394.03
				0.1690	545.62	0.2710	1330.29
				0.1720	440.83	0.2810	1218.34
				0.1750	301.60	0.2910	1150.26
				0.1770	249.04	0.3010	992.00
				0.1800	222.75	0.3110	862.70
				0.1820	192.91	0.3210	774.30

X=--- 0.00		0.45		0.95		1.95	
Y	U	Y	U	Y	U	Y	U
				0.1870	90.94	0.3310	695.53
				0.1920	0.00	0.3410	643.02
						0.3510	610.02
						0.3610	567.90
						0.3710	537.99
						0.3810	489.71
						0.3910	396.38

TABLE A- 6

ALPHA= 37.12

YC= 0.1016

REC= 3115.0

X=--- 2.45		4.95		6.45		8.45	
Y	U	Y	U	Y	U	Y	U
0.0600	2117.33	0.0600	1168.62	0.0600	998.12	0.0600	840.04
0.0700	2113.17	0.0700	1168.10	0.0650	996.16	0.0650	843.31
0.0800	2113.17	0.0800	1171.63	0.0750	1006.48	0.0750	845.76
0.0900	2113.17	0.0900	1185.67	0.0850	1016.70	0.0850	850.63
0.1000	2103.37	0.1000	1201.26	0.0950	1046.76	0.0950	862.70
0.1100	2093.51	0.1100	1211.54	0.1050	1056.59	0.1050	886.34
0.1200	2083.62	0.1200	1216.65	0.1150	1056.59	0.1150	897.93
0.1300	2033.40	0.1600	1206.41	0.1250	1066.32	0.1250	909.36
0.1400	2007.82	0.2400	1206.41	0.1350	1066.32	0.1350	913.90
0.1500	1971.45	0.2500	1189.15	0.1450	1056.59	0.1450	920.66
0.1600	1939.74	0.2600	1185.67	0.1550	1056.59	0.1550	925.14
0.1700	1907.50	0.2800	1176.92	0.1650	1056.59	0.1650	927.37
0.1800	1858.09	0.3000	1150.26	0.1750	1056.59	0.1750	931.82
0.1900	1801.60	0.3200	1132.15	0.1950	1046.76	0.1850	934.04
0.2000	1737.34	0.3400	1113.74	0.2150	1046.76	0.1950	936.25
0.2100	1676.78	0.3600	1095.02	0.2350	1036.83	0.2050	938.45
0.2200	1620.35	0.3800	1064.38	0.2550	1020.76	0.2150	942.85
0.2300	1561.88	0.4000	1036.83	0.2750	1006.48	0.2250	942.85
0.2400	1528.44	0.4300	1032.84	0.2950	996.16	0.2350	938.45
0.2500	1508.01	0.4600	953.75	0.3150	985.73	0.2450	936.25
0.2600	1501.14	0.4900	931.82	0.3350	979.42	0.2550	934.04
0.2700	1449.29	0.5200	879.31	0.3550	953.75	0.2650	927.37
0.2800	1408.78	0.5500	830.96	0.3750	938.45	0.2750	925.14
0.2900	1356.45	0.5800	784.90	0.3950	920.66	0.2850	922.90
0.3000	1286.04	0.6100	747.12	0.4150	909.36	0.2950	920.66
0.3100	1216.65	0.6500	698.50	0.4350	897.93	0.3150	913.90
0.3200	1176.92	0.6900	643.02	0.4550	890.99	0.3350	909.36
0.3300	1104.42	0.7300	592.83	0.4750	874.60	0.3550	904.81

[illegible]

A-30

X----	2.45		4.95		6.45		8.45	
Y	U	Y	U	Y	U	Y	U	
						1.3150	272.81	
						1.3350	257.21	
						1.3550	249.04	
						1.3750	240.60	
						1.3950	222.75	
						1.4150	213.26	
						1.4350	181.87	
						1.4550	170.13	
						1.4750	143.78	
						1.4950	128.60	
						1.5150	111.37	
						1.5350	90.94	
						1.5550	64.30	
						1.5750	0.00	

TABLE A- 6

ALPHA= 37.12

YC= 0.1016

REC= 3115.0

X----	10.45	
Y	U	
C.0600	720.33	
C.0800	724.64	
C.1000	747.12	
C.1200	787.53	
C.1400	808.26	
C.1600	813.36	
C.1800	825.97	
C.2000	850.63	
C.2200	838.39	
C.2400	838.39	
C.2600	838.39	
C.3100	838.39	
C.3600	825.97	
C.4100	813.36	
C.4600	787.53	
C.5100	774.30	
C.5600	760.83	
C.6100	738.77	
C.6600	718.92	
C.7100	710.24	
C.7600	704.39	
C.8100	674.40	

X--- 10.45

Y	U
0.8600	658.90
0.9100	643.02
0.9600	610.02
1.0100	592.83
1.0600	575.13
1.1100	537.99
1.1600	498.08
1.2100	476.87
1.2600	454.68
1.3100	416.72
1.3600	396.38
1.4100	352.20
1.4600	321.51
1.5100	308.38
1.5600	287.57
1.6100	265.12
1.6600	222.75
1.7100	203.34
1.7600	181.87
1.8100	157.51
1.8600	128.60
1.9100	111.37
1.9600	64.30
2.0100	0.00

TABLE A- 7

ALPHA= 37.12

YC= 0.1956

REC= 6777.0

X--- 0.00		0.90		1.90		2.90	
Y	U	Y	U	Y	U	Y	U
0.0600	4969.76	0.0600	4383.97	0.0600	3587.22	0.0600	3076.41
0.0650	4960.00	0.0680	4427.03	0.0670	3591.70	0.0680	3077.09
0.0700	4972.48	0.0730	4473.48	0.0720	3591.70	0.0730	3077.09
0.0750	4980.79	0.0780	4487.32	0.0770	3591.70	0.0780	3077.09
0.0800	4980.79	0.0830	4510.30	0.0820	3591.70	0.0880	3077.09
0.0850	5022.13	0.0880	4501.12	0.0870	3591.70	0.0980	3083.80
0.0900	5050.86	0.0930	4496.53	0.0920	3603.19	0.1080	3097.18
0.0950	5124.01	0.0980	4496.53	0.1020	3620.37	0.1180	3097.18
0.1000	5156.18	0.1030	4491.93	0.1120	3620.37	0.1280	3077.09
0.1050	5184.17	0.1080	4482.71	0.1220	3603.19	0.1380	3063.63
0.1100	5184.17	0.1130	4450.31	0.1320	3580.17	0.1480	3036.51

X----- 0.00		0.90		1.90		2.90	
Y	U	Y	U	Y	U	Y	U
C.1150	5188.16	0.1180	4417.68	0.1420	3562.81	0.1580	3022.87
C.1200	5192.14	0.1230	4375.36	0.1520	3521.95	0.1680	3002.28
C.1250	5192.14	0.1280	4323.07	0.1620	3474.68	0.1780	2967.65
C.1300	5192.14	0.1330	4274.98	0.1720	3444.80	0.1880	2946.68
C.1350	5176.19	0.1380	4231.23	0.1820	3384.25	0.1980	2890.00
C.1400	5172.20	0.1430	4182.09	0.1920	3322.60	0.2080	2854.01
C.1450	5152.17	0.1480	4117.32	0.2020	3215.09	0.2180	2788.06
		0.1530	4051.52	0.2120	3117.14	0.2280	2728.09
		0.1580	3963.83	0.2220	3029.70	0.2380	2674.52
		0.1630	3895.43	0.2270	2995.39	0.2480	2651.23
		0.1680	3793.26	0.2320	2981.55	0.2580	2596.07
		0.1730	3710.61	0.2420	2953.68	0.2680	2547.84
		0.1780	3637.46	0.2520	2861.25	0.2780	2490.40
		0.1830	3574.39	0.2620	2750.73	0.2880	2448.54
		0.1880	3510.19	0.2720	2666.78	0.2980	2380.03
		0.1930	3414.66	0.2820	2564.02	0.3080	2318.43
		0.1980	3335.02	0.2920	2473.74	0.3180	2273.41
		0.2030	3227.92	0.3020	2380.03	0.3280	2180.58
		0.2080	3150.13	0.3120	2236.74	0.3380	2122.93
		0.2130	3063.63	0.3220	2142.32	0.3580	2053.63
		0.2180	2981.55	0.3320	2113.17	0.3680	1992.32
		0.2230	2882.84	0.3420	2021.16	0.3780	1939.74
		0.2280	2795.46	0.3520	1929.05	0.3880	1874.70
		0.2330	2705.26	0.3620	1846.93	0.3980	1807.33
		0.2380	2611.95	0.3720	1746.83	0.4080	1751.56
		0.2430	2502.82	0.3820	1664.41	0.4180	1676.78
		0.2480	2380.03	0.3920	1557.91	0.4280	1601.10
		0.2530	2208.84	0.4020	1462.07	0.4380	1541.90
		0.2580	2113.17	0.4120	1348.81	0.4480	1487.30
		0.2630	1999.57	0.4220	1251.82	0.4580	1437.83
		0.2680	1885.70	0.4320	1187.41	0.4680	1394.03
		0.2730	1793.55	0.4420	1070.19	0.4780	1341.12
		0.2780	1713.37	0.4520	1040.81	0.4880	1286.04
		0.2830	1641.90	0.4620	953.75	0.4980	1223.42
		0.2880	1576.38	0.4720	886.34	0.5080	1171.63
		0.2930	1521.66	0.4820	795.37	0.5180	1089.34
		0.2980	1437.83	0.4920	733.15	0.5280	1018.73
		0.3030	1336.49	0.5020	626.74	0.5380	958.07
		0.3080	1248.51	0.5120	537.99	0.5480	925.14
		0.3130	1162.78	0.5220	454.68	0.5580	874.60
		0.3180	1089.34	0.5320	406.68	0.5680	833.45
		0.3230	1000.30	0.5420	327.88	0.5780	787.53
		0.3280	918.41	0.5520	265.12	0.5880	733.15
		0.3330	818.43	0.5620	203.34	0.5980	674.40
		0.3380	747.12	0.5720	0.00	0.6080	613.40
		0.3430	674.40			0.6180	564.25
		0.3480	582.28			0.6280	498.08

X--- 0.00		0.90		1.90		2.90	
Y	U	Y	U	Y	U	Y	U
		0.3530	498.08			0.6380	450.11
		0.3580	380.41			0.6480	406.68
		0.3630	294.67			0.6580	358.02
		0.3680	203.34			0.6680	287.57
		0.3730	111.37			0.6880	157.51
		0.3780	0.00			0.7080	0.00

TABLE A- 7

ALPHA= 37.12

YC= 0.1956

REC= 6777.0

X--- 4.90		6.90		8.90		11.90	
Y	U	Y	U	Y	U	Y	U
0.0600	2410.69	0.0600	1993.12	0.0600	1680.09	0.0600	1399.74
0.0660	2414.53	0.0700	1992.32	0.0700	1682.94	0.0730	1404.37
0.0710	2414.53	0.0800	2033.40	0.0800	1701.26	0.0830	1408.78
0.0760	2423.08	0.0900	2063.68	0.0900	1731.38	0.0930	1423.38
0.0860	2440.08	0.1000	2068.68	0.1000	1749.20	0.1030	1445.00
0.0960	2456.97	0.1100	2068.68	0.1100	1755.10	0.1130	1454.98
0.1060	2465.37	0.1200	2068.68	0.1200	1760.98	0.1230	1467.71
0.1160	2465.37	0.1300	2073.67	0.1300	1772.68	0.1330	1474.74
0.1260	2431.59	0.1400	2073.67	0.1400	1775.01	0.1430	1476.14
0.1360	2423.08	0.1500	2073.67	0.1500	1778.50	0.1530	1480.34
0.1460	2405.95	0.1600	2063.68	0.1600	1778.50	0.1630	1484.52
0.1560	2397.34	0.1700	2053.63	0.1700	1778.50	0.1830	1484.52
0.1760	2362.60	0.1800	2043.54	0.1800	1775.01	0.2030	1497.00
0.1960	2318.43	0.1900	2023.21	0.1900	1772.68	0.2230	1488.69
0.2160	2291.53	0.2000	2007.82	0.2000	1760.98	0.2430	1477.54
0.2360	2236.74	0.2100	1997.50	0.2100	1755.10	0.2630	1467.71
0.2560	2180.58	0.2300	1978.78	0.2200	1749.20	0.2830	1466.31
0.2760	2122.93	0.2500	1955.66	0.2300	1737.34	0.3030	1453.56
0.2960	2113.17	0.2700	1918.31	0.2400	1731.38	0.3230	1452.14
0.3160	2053.63	0.2900	1880.21	0.2500	1725.40	0.3430	1430.62
0.3360	1990.24	0.3100	1854.75	0.2600	1713.37	0.3730	1411.71
0.3560	1912.91	0.3300	1818.73	0.2700	1707.33	0.4030	1394.03
0.3760	1854.75	0.3500	1784.30	0.2800	1701.26	0.4330	1367.07
0.3960	1795.85	0.3700	1737.34	0.2900	1695.18	0.4630	1348.81
0.4060	1772.68	0.3900	1701.26	0.3000	1676.78	0.4930	1328.73
0.4160	1749.20	0.4100	1664.41	0.3100	1664.41	0.5230	1302.01
0.4260	1713.37	0.4300	1626.72	0.3200	1658.19	0.5430	1286.04
0.4360	1676.78	0.4500	1594.63	0.3300	1639.38	0.5830	1250.17
0.4460	1639.38	0.4700	1541.90	0.3400	1633.06	0.6130	1220.04

X--- 4.90		6.90		8.90		11.90	
Y	U	Y	U	Y	U	Y	U
0.4560	1588.14	0.4900	1501.14	0.3500	1620.35	0.6430	1202.98
0.4660	1561.88	0.5100	1466.31	0.3700	1594.63	0.6730	1176.92
0.4760	1535.18	0.5300	1437.83	0.3900	1575.07	0.7030	1135.80
0.4960	1487.30	0.5500	1408.78	0.4100	1548.59	0.7330	1122.98
0.5060	1462.07	0.5700	1364.05	0.4300	1514.85	0.7630	1095.02
0.5160	1437.83	0.5900	1302.01	0.4500	1503.89	0.8030	1050.70
0.5260	1394.03	0.6100	1264.96	0.4700	1476.14	0.8330	1036.83
0.5360	1364.05	0.6300	1228.48	0.4900	1459.24	0.8730	996.16
0.5460	1317.79	0.6500	1185.67	0.5100	1430.62	0.9030	964.53
0.5560	1277.97	0.6700	1150.26	0.5300	1401.42	0.9330	949.40
0.5660	1245.20	0.6900	1113.74	0.5500	1364.05	0.9630	902.52
0.5760	1214.95	0.7100	1075.97	0.5700	1348.81	0.9930	879.31
0.5860	1185.67	0.7300	1046.76	0.5900	1313.08	1.0330	838.39
0.5960	1168.10	0.7500	975.18	0.6100	1286.04	1.0630	813.36
0.6060	1150.26	0.7700	931.82	0.6300	1416.10	1.0930	787.53
0.6160	1132.15	0.7900	886.34	0.6500	1228.48	1.1230	752.63
0.6260	1075.97	0.8100	838.39	0.6700	1202.98	1.1530	718.92
0.6360	1036.83	0.8300	813.36	0.6900	1171.63	1.1830	704.39
0.6460	996.16	0.8500	774.30	0.7100	1146.66	1.2130	674.40
0.6560	964.53	0.8700	747.12	0.7300	1113.74	1.2430	646.22
0.6660	931.82	0.8900	718.92	0.7500	1095.02	1.2730	613.40
0.6760	913.90	0.9100	689.56	0.7700	1060.49	1.3130	578.72
0.6860	874.60	0.9300	626.74	0.7900	1036.83	1.3530	545.62
0.6960	850.63	0.9500	592.83	0.8100	1006.48	1.3930	502.21
0.7060	825.97	0.9700	556.87	0.8300	975.18	1.4330	476.87
0.7160	800.55	0.9900	518.42	0.8500	942.85	1.4730	454.68
0.7260	774.30	1.0100	476.87	0.8700	909.36	1.5130	411.73
0.7360	747.12	1.0300	454.68	0.8900	886.34	1.5530	396.38
0.7460	718.92	1.0500	406.68	0.9100	862.70	1.6130	327.88
0.7560	689.56	1.0700	380.41	0.9300	838.39	1.6630	287.57
0.7660	674.40	1.0900	352.20	0.9500	808.26	1.7230	272.81
0.7760	643.02	1.1100	321.51	0.9700	787.53	1.7730	203.34
0.7860	610.02	1.1300	287.57	0.9900	760.83	1.8730	128.60
0.7960	575.13	1.1500	249.04	1.0100	733.15	1.9230	90.94
0.8060	556.87	1.1700	192.91	1.0300	704.39	1.9730	0.00
0.8160	537.99	1.1900	170.13	1.0500	674.40		
0.8260	498.08	1.2100	143.78	1.0700	643.02		
0.8360	476.87	1.2300	128.60	1.0900	610.02		
0.8460	454.68	1.2500	90.94	1.1100	575.13		
0.8560	431.35	1.2700	64.30	1.1300	537.99		
0.8660	406.68	1.2900	0.00	1.1500	498.08		
0.8760	380.41			1.1700	518.42		
0.8860	352.20			1.1900	498.08		
0.8960	287.57			1.2100	476.87		
0.9060	321.51			1.2300	454.68		
0.9160	287.57			1.2500	421.65		
0.9260	249.04			1.2700	406.68		
0.9360	203.34			1.2900	380.41		

X--- 4.90		6.90		8.90		11.90	
Y	U	Y	U	Y	U	Y	U
C.9460	181.87			1.3100	352.20		
C.9560	170.13			1.3300	334.12		
C.9660	90.94			1.3500	321.51		
C.9760	0.00			1.3700	287.57		
				1.3900	222.75		
				1.4100	203.34		
				1.4300	192.91		
				1.4600	90.94		
				1.4900	0.00		

TABLE A- 7

ALPHA= 37.12

YC= 0.1956

REC= 6777.0

X--- 15.90		19.90		25.90		0.00	
Y	U	Y	U	Y	U		
C.0600	1138.03	0.0600	944.70	0.0600	762.33		
C.0830	1144.86	0.0900	953.75	0.1120	797.96		
C.1130	1185.67	0.1200	1000.30	0.1720	845.76		
C.1430	1220.04	0.1700	1040.81	0.2420	874.60		
C.1730	1231.84	0.2100	1066.32	0.3120	886.34		
C.2030	1236.87	0.2400	1074.05	0.4120	886.34		
C.2330	1238.54	0.3000	1079.81	0.5120	886.34		
C.2630	1245.20	0.3500	1075.97	0.6120	874.60		
C.2930	1236.87	0.4000	1062.44	0.8120	825.97		
C.3330	1223.42	0.4700	1052.67	1.1120	758.11		
C.3630	1216.65	0.5000	1016.70	1.5120	643.02		
C.4030	1202.98	0.5700	996.16	1.9120	530.25		
C.4430	1190.89	0.6200	975.18	2.3120	406.68		
C.4830	1182.17	0.6700	953.75	2.7120	346.28		
C.5230	1152.06	0.7200	942.85	3.1120	203.34		
C.5630	1135.80	0.8200	718.92	3.5120	181.87		
C.6130	1117.45	0.9200	862.70	3.8120	90.94		
C.6630	1093.13	1.0200	813.36				
C.7130	1056.59	1.1200	782.26				
C.7730	1016.70	1.2200	733.15				
C.8230	996.16	1.3200	698.50				
C.8730	975.18	1.4200	649.42				
C.9230	936.25	1.5200	610.02				
C.9630	913.90	1.6200	571.53				
1.0030	895.62	1.7200	506.31				
1.0430	867.48	1.8300	476.87				

X--- 15.90		19.90		25.90		0.00	
Y	U	Y	U	Y	U		
1.0830	843.31	1.9300	431.35				
1.1230	813.36	2.0300	401.56				
1.1730	787.53	2.1300	358.02				
1.2330	755.37	2.2300	315.01				
1.2830	718.92	2.3300	287.57				
1.3430	680.51	2.5300	203.34				
1.3930	649.42	2.7300	143.78				
1.4430	626.74						
1.5430	567.90						
1.5930	537.99						
1.6430	514.41						
1.6930	472.52						
1.7430	454.68						
1.8430	401.56						
1.9430	352.20						
2.0430	301.60						
2.1430	240.60						
2.2430	203.34						
2.3430	143.78						
2.4430	90.94						
2.5430	0.00						

TABLE A- 8

ALPHA= 37.12

YC= 0.3150

REC= 10290.0

X--- 0.00		0.68		1.68		2.68	
Y	U	Y	U	Y	U	Y	U
0.0600	4393.43	0.0600	4074.81	0.0600	4023.55	0.0600	3945.41
0.0700	4384.80	0.0700	4191.96	0.0700	4117.32	0.0700	3989.82
0.0800	4408.31	0.0800	4361.16	0.0800	4265.30	0.0800	4076.95
0.0850	4431.69	0.0900	4454.96	0.0900	4361.16	0.0900	4117.32
0.0900	4431.69	0.1000	4546.82	0.1000	4431.69	0.1000	4142.35
0.0950	4431.69	0.1100	4592.06	0.1100	4454.96	0.1100	4157.30
0.1000	4478.10	0.1200	4659.11	0.1200	4491.93	0.1200	4167.23
0.1050	4524.03	0.1300	4712.05	0.1300	4514.88	0.1300	4152.32
0.1100	4592.06	0.1400	4747.02	0.1400	4514.88	0.1400	4117.32
0.1150	4636.87	0.1500	4768.75	0.1500	4501.12	0.1500	4076.95
0.1200	4681.24	0.1600	4768.75	0.1600	4454.96	0.1600	4031.06
0.1250	4703.27	0.1700	4755.72	0.1700	4394.22	0.1700	3989.82
0.1300	4747.02	0.1800	4681.24	0.1800	4313.49	0.1800	3911.32
0.1350	4768.75	0.1900	4854.68	0.1900	4240.99	0.1900	3831.22

X----		0.00		0.68		1.68		2.68	
	Y	U		Y	U	Y	U	Y	U
C.1400	4811.90		0.2000	4578.54	0.2000	4157.30	0.2000	3776.87	
C.1450	4820.49		0.2100	4501.12	0.2100	4082.02	0.2100	3963.83	
C.1500	4854.68		0.2200	4431.69	0.2200	3989.82	0.2200	3608.93	
C.1600	4888.63		0.2300	4323.07	0.2300	3900.74	0.2300	3533.67	
C.1700	4897.08		0.2400	4216.55	0.2400	3804.14	0.2400	3402.53	
C.1800	4888.63		0.2500	4117.32	0.2500	3665.76	0.2500	3372.01	
C.1900	4875.92		0.2600	3974.24	0.2600	3551.18	0.2600	3278.76	
C.2000	4811.90		0.2700	3831.22	0.2700	3414.66	0.2700	3202.20	
C.2100	4768.75		0.2800	3665.76	0.2800	3278.76	0.2800	3083.80	
C.2200	4712.05		0.2900	3492.48	0.2900	3136.98	0.2900	2981.55	
C.2300	4650.22		0.3000	3341.22	0.3000	3050.10	0.3000	2911.39	
C.2400	4569.50		0.3200	3016.02	0.3100	2946.68	0.3100	2817.56	
C.2500	4431.69		0.3400	2712.89	0.3200	2839.49	0.3200	2743.21	
C.2600	4408.31		0.3600	2318.43	0.3300	2728.09	0.3300	2666.78	
C.2700	4313.49		0.3800	1880.21	0.3400	2611.95	0.3400	2572.07	
C.2800	4167.23		0.3900	1701.26	0.3500	2490.40	0.3500	2490.40	
C.2900	4066.80		0.4000	1528.44	0.3600	2362.60	0.3600	2405.95	
C.3000	3963.83		0.4100	1394.03	0.3700	2227.48	0.3700	2318.43	
C.3100	3884.81		0.4200	1236.87	0.3800	2093.51	0.3800	2227.48	
C.3200	3804.14		0.4300	1056.59	0.3900	1987.12	0.3900	2132.65	
C.3400	3050.10		0.4400	850.63	0.4000	1929.05	0.4000	2033.40	
			0.4500	704.39	0.4100	1818.73	0.4100	1929.05	
			0.4600	537.99	0.4200	1701.26	0.4200	1885.70	
			0.4700	406.68	0.4300	1601.10	0.4300	1818.73	
			0.4800	249.04	0.4400	1494.24	0.4400	1701.26	
			0.4900	0.00	0.4500	1437.83	0.4500	1639.38	
					0.4600	1333.39	0.4600	1548.59	
					0.4700	1132.15	0.4700	1437.83	
					0.4800	1113.74	0.4800	1364.05	
					0.4900	1075.97	0.4900	1286.04	
					0.5000	909.36	0.5000	1253.47	
					0.5100	787.53	0.5100	1168.10	
					0.5200	674.40	0.5200	1095.02	
					0.5300	643.02	0.5300	1016.70	
					0.5400	537.99	0.5400	953.75	
					0.5600	352.20	0.5500	886.34	
					0.5700	287.57	0.5600	813.36	
					0.5800	203.34	0.5700	704.39	
					0.5900	157.51	0.5800	643.02	
					0.6000	90.94	0.5900	575.13	
					0.6100	0.00	0.6000	537.99	
							0.6100	498.08	
							0.6200	454.68	
							0.6400	406.68	
							0.6500	340.25	
							0.6600	222.75	
							0.6700	203.34	

X----	0.00		0.68		1.68		2.68	
Y	U	Y	U	Y	U	Y	U	
						0.6800	170.13	
						0.6900	143.78	
						0.7000	90.94	
						0.7100	0.00	

TABLE A- 8

ALPHA= 37.12

YC= 0.3150

REC= 10290.0

X----	3.68		5.68		7.68		9.68	
Y	U	Y	U	Y	U	Y	U	
0.0600	3712.32	0.0600	3143.15	0.0600	2640.78	0.0600	2305.06	
0.0700	3749.40	0.0700	3150.13	0.0690	2635.59	0.0730	2300.53	
0.0800	3776.87	0.0800	3195.74	0.0790	2635.59	0.0830	2309.50	
0.0900	3804.14	0.0900	3202.20	0.0890	2659.02	0.0930	2318.43	
0.1000	3815.00	0.1000	3202.20	0.0990	2705.26	0.1030	2336.20	
0.1100	3831.22	0.1200	3182.77	0.1090	2720.50	0.1130	2371.33	
0.1200	3804.14	0.1400	3150.13	0.1190	2728.09	0.1230	2388.70	
0.1300	3804.14	0.1600	3136.98	0.1290	2735.66	0.1330	2388.70	
0.1400	3787.80	0.1800	3050.10	0.1390	2735.66	0.1430	2388.70	
0.1500	3732.83	0.2000	3016.02	0.1490	2735.66	0.1530	2388.70	
0.1600	3693.85	0.2200	2932.61	0.1590	2735.66	0.1630	2380.03	
0.1700	3665.76	0.2400	2890.00	0.1690	2728.09	0.1730	2380.03	
0.1800	3597.45	0.2600	2802.85	0.1790	2728.09	0.1930	2380.03	
0.1900	3551.18	0.2800	2728.09	0.1890	2712.89	0.2130	2336.20	
0.2000	3510.19	0.2900	2689.94	0.1990	2689.94	0.2430	2318.43	
0.2100	3450.79	0.3000	2651.23	0.2090	2666.78	0.2730	2291.53	
0.2200	3372.01	0.3100	2611.95	0.2190	2651.23	0.3030	2236.74	
0.2300	3341.22	0.3200	2572.07	0.2290	2635.59	0.3330	2199.46	
0.2400	3278.76	0.3300	2531.56	0.2390	2619.85	0.3630	2132.65	
0.2500	3215.09	0.3400	2490.40	0.2490	2588.10	0.4030	2103.37	
0.2600	3130.38	0.3600	2405.95	0.2590	2572.07	0.4430	2012.96	
0.2700	3036.51	0.3800	2318.43	0.2690	2564.02	0.4630	1981.91	
0.2800	2981.55	0.4000	2227.48	0.2790	2539.72	0.4930	1912.91	
0.2900	2932.61	0.4200	2132.65	0.2890	2506.94	0.5230	1858.09	
0.3000	2875.66	0.4400	2083.62	0.2990	2490.40	0.5530	1795.85	
0.3100	2802.85	0.4600	1929.05	0.3090	2473.74	0.5830	1727.79	
0.3200	2728.09	0.4800	1902.07	0.3290	2405.95	0.6330	1624.18	
0.3300	2666.78	0.5000	1818.73	0.3490	2371.33	0.6830	1535.18	
0.3400	2588.10	0.5200	1737.34	0.3690	2318.43	0.7230	1445.00	
0.3500	2506.94	0.5400	1639.38	0.3990	2227.48	0.7630	1359.49	
0.3600	2423.08	0.5600	1575.07	0.4190	2190.04	0.8030	1277.97	

X--- 3.68		5.68		7.68		9.68	
Y	U	Y	U	Y	U	Y	U
0.3700	2362.60	0.5800	1437.83	0.4390	2132.65	0.8530	1185.67
0.3800	2300.53	0.6000	1364.05	0.4590	2103.37	0.9030	1075.97
0.3900	2227.48	0.6200	1286.04	0.4790	2033.40	0.9430	992.00
0.4000	2132.65	0.6400	1202.98	0.4990	1984.00	0.9730	942.85
0.4100	2093.51	0.6600	1150.26	0.5190	1916.15	1.0030	886.34
0.4200	2063.68	0.6800	1075.97	0.5390	1852.52	1.0330	813.36
0.4300	2002.67	0.7000	1016.70	0.5590	1795.85	1.0630	760.83
0.4400	1939.74	0.7200	931.82	0.5790	1746.83	1.0930	716.03
0.4500	1874.70	0.7400	862.70	0.5990	1685.39	1.1230	668.24
0.4600	1790.09	0.7600	760.83	0.6190	1613.96	1.1630	575.13
0.4700	1725.40	0.7800	643.02	0.6390	1564.53	1.2030	506.31
0.4800	1651.94	0.8000	610.02	0.6590	1508.01	1.2430	450.11
0.4900	1561.88	0.8200	575.13	0.6790	1447.86	1.2830	396.38
0.5000	1508.01	0.8400	537.99	0.6990	1391.06	1.3330	287.57
0.5100	1459.24	0.8600	454.68	0.7190	1317.79	1.3830	222.75
0.5200	1403.78	0.8800	380.41	0.7390	1279.59	1.4330	128.60
0.5300	1341.12	0.9000	340.25	0.7590	1218.34	1.4830	0.00
0.5400	1286.04	0.9200	287.57	0.7890	1144.86		
0.5500	1220.04	0.9400	222.75	0.8190	1050.70		
0.5600	1150.26	0.9600	181.87	0.8490	975.18		
0.5700	1075.97	0.9800	90.94	0.8690	931.82		
0.5800	1016.70	1.0000	0.00	0.8990	845.76		
0.5900	975.18			0.9290	752.63		
0.6000	920.66			0.9690	674.40		
0.6100	862.70			0.9990	592.83		
0.6200	813.36			1.0290	498.08		
0.6300	760.83			1.0690	436.12		
0.6400	733.15			1.0990	352.20		
0.6500	610.02			1.1490	240.60		
0.6600	639.79			1.1890	143.78		
0.6700	556.87			1.2290	0.00		
0.6800	498.08						
0.6900	454.68						
0.7000	406.68						
0.7100	363.75						
0.7200	340.25						
0.7300	321.51						
0.7400	272.81						
0.7500	222.75						
0.7600	181.87						
0.7700	143.78						
0.7800	64.30						
0.7900	0.00						

TABLE A- 8

ALPHA= 37.12

YC= 0.3150

REC= 10290.0

X----- 12.68		16.68		20.68		26.68	
Y	U	Y	U	Y	U	Y	U
C.0600	1878.39	0.0600	1558.31	0.0600	1222.44	0.0600	959.96
C.0650	1874.70	0.0700	1568.49	0.0750	1220.04	0.0960	989.91
C.0750	1874.70	0.0800	1588.14	0.0950	1231.84	0.1260	1036.83
C.0850	1912.91	0.0900	1607.54	0.1250	1295.64	0.1660	1075.97
C.0950	1929.05	0.1000	1613.96	0.1550	1328.72	0.1960	1095.02
C.1050	1971.45	0.1100	1620.35	0.1850	1345.74	0.2260	1098.79
C.1250	2002.67	0.1200	1620.35	0.2150	1361.01	0.2460	1102.55
C.1350	2002.67	0.1300	1620.35	0.2550	1364.05	0.2760	1113.74
C.1450	2007.82	0.1400	1621.63	0.2950	1361.01	0.3160	1128.49
C.1550	2007.82	0.1500	1622.90	0.3250	1359.49	0.3560	1126.66
C.1650	2007.82	0.1600	1624.18	0.3650	1357.97	0.3960	1117.45
C.1750	2007.82	0.1700	1626.72	0.4250	1348.81	0.4260	1108.16
C.2050	2007.82	0.1800	1629.26	0.4750	1317.79	0.4760	1098.79
C.2250	2007.82	0.1900	1633.06	0.5250	1297.24	0.5260	1091.24
C.2450	1997.50	0.2000	1633.06	0.5750	1281.20	0.5760	1070.19
C.2650	1981.91	0.2100	1633.06	0.6250	1248.51	0.6260	1066.32
C.2850	1971.45	0.2200	1626.72	0.6750	1226.80	0.7260	1050.70
C.3050	1950.37	0.2300	1624.18	0.7250	1199.52	0.8260	1016.70
C.3250	1929.05	0.2400	1620.35	0.7750	1171.63	0.9260	975.18
C.3450	1818.73	0.2500	1616.52	0.8250	1148.47	1.0260	931.82
C.3650	1896.63	0.2600	1611.40	0.8750	1113.74	1.1260	886.34
C.3850	1874.70	0.2700	1607.54	0.9250	1095.02	1.2260	838.39
C.4050	1852.52	0.2800	1604.97	0.9750	1056.59	1.3260	830.96
C.4250	1830.06	0.2900	1601.10	1.0250	1036.83	1.4260	782.26
C.4450	1813.04	0.3000	1598.52	1.0750	1012.63	1.5260	747.12
C.4650	1784.30	0.3100	1594.63	1.1250	975.18	1.6260	698.50
C.4850	1760.98	0.3200	1590.74	1.1750	940.05	1.7260	643.02
C.5050	1737.34	0.3300	1588.14	1.2250	909.36	1.8260	610.02
C.5250	1707.33	0.3400	1572.44	1.2750	879.31	1.9260	553.14
C.5450	1689.07	0.3500	1568.49	1.3250	855.48	2.0260	537.99
C.5650	1664.41	0.3600	1548.59	1.3750	808.26	2.1260	498.08
C.5850	1639.38	0.3700	1555.25	1.4250	787.53	2.2260	454.68
C.6050	1607.54	0.3900	1541.90	1.4750	752.63	2.3260	406.68
C.6250	1588.14	0.4100	1521.66	1.5250	724.64	2.4260	352.20
C.6450	1561.88	0.4300	1521.66	1.5750	674.40	2.5260	340.25
C.6650	1521.66	0.4500	1508.01	1.6250	649.42	2.6260	301.60
C.6850	1508.01	0.4700	1494.24	1.6750	626.74	2.7260	280.28
C.7050	1473.34	0.4900	1487.30	1.7250	585.82	2.8260	203.34
C.7550	1394.03	0.5100	1480.34	1.7750	564.25	2.9260	181.87
C.8050	1341.12	0.5300	1466.31	1.8250	537.99	3.0260	90.94
C.8550	1269.86	0.5500	1445.00	1.8750	506.31	3.0760	0.00
C.9050	1202.98	0.5700	1430.62	1.9250	476.87		
C.9550	1141.24	0.5900	1408.78	1.9750	436.12		

X--- 12.68		16.68		20.68		26.68	
Y	U	Y	U	Y	U	Y	U
1.0050	1056.59	0.6100	1394.03	2.0250	396.38		
1.0550	996.16	0.6500	1379.12	2.0750	352.20		
1.1050	931.82	0.6700	1348.81	2.1750	287.57		
1.1550	874.60	0.6900	1325.61	2.2750	249.04		
1.2050	813.36	0.7100	1309.93	2.3750	192.91		
1.2650	733.15	0.7300	1294.05	2.4750	0.00		
1.3050	674.40	0.7500	1286.04				
1.3550	610.02	0.7700	1269.86				
1.4050	556.87	0.8200	1220.04				
1.4550	498.08	0.8700	1185.67				
1.5050	454.68	0.9200	1132.15				
1.5550	396.38	0.9700	1095.02				
1.6050	352.20	1.0200	1056.59				
1.6550	301.60	1.0700	1016.70				
1.7050	249.04	1.1200	975.18				
1.7550	203.34	1.1700	931.82				
1.8050	181.87	1.2200	897.93				
1.8550	143.78	1.2700	862.70				
1.9050	111.37	1.3200	813.36				
1.9550	64.30	1.3700	760.83				
2.0050	0.00	1.4200	718.92				
		1.4700	689.56				
		1.5200	610.02				
		1.5700	575.13				
		1.6200	556.87				
		1.6700	518.42				
		1.7200	498.08				
		1.7700	454.68				
		1.8200	416.72				
		1.8700	396.38				
		1.9200	352.20				
		1.9700	321.51				
		2.0200	287.57				
		2.0700	272.81				
		2.1200	249.04				
		2.1700	240.60				
		2.2200	192.91				
		2.2700	181.87				
		2.3200	170.13				
		2.3700	157.51				
		2.4200	157.51				
		2.4700	157.51				
		2.5200	157.51				
		2.5700	157.51				

TABLE A- 8

ALPHA= 57.12

YC= 0.5150

REC= 10290.0

X= 32.68

Y	U
0.0600	729.08
0.1040	845.31
0.1440	904.00
0.1940	979.30
0.2440	986.16
0.2840	921.82
0.3840	911.82
0.4840	925.14
0.5840	911.63
0.6840	816.34
0.7840	879.31
0.8840	813.39
1.2840	713.15
1.5840	620.51
1.8840	599.77
2.0840	584.13
2.2840	485.47
2.4840	466.68
2.6840	352.20
2.8840	207.57
3.0840	265.12
3.2840	263.34
3.4840	90.94
3.6840	0.00

TABLE A- 9

ALPHA= 37.12

YC= 0.6210

REC= 18270.0

X=--- 0.00		1.13		3.13		5.11	
Y	U	Y	U	Y	U	Y	U
0.0600	3587.22	0.0600	3684.26	0.0600	3540.63	0.0600	3439.53
0.0700	3551.18	0.0710	3682.64	0.0700	3533.67	0.0650	3432.77
0.0800	3608.93	0.0810	3682.64	0.0800	3533.67	0.0750	3432.77
0.0900	3693.85	0.0910	3765.91	0.1000	3626.07	0.0850	3432.77
0.1000	3801.22	0.1010	3874.15	0.1200	3804.14	0.0950	3432.77
0.1100	3937.66	0.1110	3942.91	0.1300	3868.81	0.1050	3462.76
0.1200	4015.64	0.1210	4015.64	0.1400	3927.15	0.1150	3580.17
0.1300	4092.14	0.1310	4102.23	0.1600	4056.62	0.1250	3637.46
0.1400	4191.96	0.1410	4182.09	0.1800	4157.30	0.1350	3693.85
0.1500	4265.30	0.1510	4250.73	0.2000	4226.34	0.1450	3749.40
0.1600	4313.49	0.1610	4289.46	0.2200	4265.30	0.1550	3787.80
0.1700	4361.16	0.1710	4346.91	0.2400	4274.98	0.1650	3804.14
0.1800	4384.80	0.1810	4370.63	0.2600	4255.59	0.1750	3804.14
0.1900	4408.31	0.1910	4394.22	0.2800	4250.73	0.1850	3842.00
0.2000	4398.92	0.2010	4417.68	0.3000	4191.96	0.1950	3847.37
0.2100	4398.92	0.2110	4422.35	0.3200	4117.32	0.2050	3868.81
0.2200	4398.92	0.2210	4422.35	0.3400	4025.93	0.2150	3884.81
0.2300	4398.92	0.2310	4427.03	0.3600	3895.43	0.2250	3884.81
0.2400	4384.80	0.2510	4417.68	0.3800	3787.80	0.2350	3884.81
0.2500	4380.08	0.2710	4398.92	0.4000	3677.03	0.2450	3858.11
0.2600	4370.63	0.2910	4375.36	0.4200	3527.82	0.2550	3831.22
0.2700	4361.16	0.3110	4337.39	0.4400	3402.53	0.2650	3815.00
0.2800	4361.16	0.3310	4303.90	0.4600	3234.32	0.2750	3793.26
0.3000	4351.67	0.3510	4255.59	0.4800	3090.50	0.2850	3749.40
0.3200	4337.39	0.3710	4187.03	0.5000	2960.68	0.2950	3721.73
0.3400	4313.49	0.3910	4107.27	0.5200	2854.01	0.3050	3705.03
0.3600	4289.46	0.4110	4025.93	0.5400	2728.09	0.3150	3665.76
0.3800	4265.30	0.4310	3900.74	0.5600	2547.84	0.3250	3637.46
0.4000	4216.55	0.4610	3682.64	0.5800	2291.53	0.3350	3608.93
0.4200	4152.32	0.4910	3474.68	0.6000	2255.15	0.3450	3580.17
0.4400	4066.80	0.5210	3195.74	0.6200	2132.65	0.3550	3551.18
0.4600	3963.83	0.5510	2875.66	0.6400	1999.57	0.3650	3492.48
0.4800	3858.11	0.5810	3259.79	0.6600	1852.52	0.3750	3432.77
0.5000	3721.73	0.6110	2227.48	0.6800	1724.20	0.3850	3353.57
0.5200	3551.18	0.6410	1827.80	0.7000	1590.74	0.4050	3278.76
0.5400	3341.22	0.6510	1703.69	0.7200	1470.53	0.4250	3215.09
0.5600	3150.13	0.6610	1598.52	0.7400	1348.81	0.4450	3083.80
0.5800	3016.02	0.6710	1510.75	0.7600	1214.95	0.4650	3016.02
0.6000	2802.85	0.6910	1289.25	0.7800	958.07	0.4850	2875.66
0.6200	2572.07	0.7110	1056.59	0.8000	992.00	0.5050	2802.85
		0.7210	936.25	0.8200	893.31	0.5250	2689.94
		0.7410	704.39	0.8400	792.77	0.5450	2572.07
		0.7510	599.77	0.8600	652.59	0.5650	2448.54

X=0.00		1.13		3.13		5.13	
Y	U	Y	U	Y	U	Y	U
0.7610	502.21	0.8800	545.62	0.5850	218.43	0.5850	218.43
0.7810	334.12	0.9000	481.19	0.6050	2227.46	0.6050	2227.46
0.8010	192.91	0.9200	352.20	0.6250	2132.65	0.6250	2132.65
0.8210	0.00	0.9400	287.57	0.6450	2068.68	0.6450	2068.68
		0.9600	170.13	0.6650	2122.93	0.6650	2122.93
		0.9800	64.30	0.6850	2113.17	0.6850	2113.17
		0.9900	0.00	0.7050	1760.98	0.7050	1760.98
				0.7250	1676.78	0.7250	1676.78
				0.7450	1588.14	0.7450	1588.14
				0.7650	1494.24	0.7650	1494.24
				0.7850	1408.78	0.7850	1408.78
				0.8050	1317.79	0.8050	1317.79
				0.8250	1220.04	0.8250	1220.04
				0.8450	1132.15	0.8450	1132.15
				0.8650	1056.59	0.8650	1056.59
				0.8850	931.82	0.8850	931.82
				0.9050	874.60	0.9050	874.60
				0.9250	787.53	0.9250	787.53
				0.9450	733.15	0.9450	733.15
				0.9650	610.02	0.9650	610.02
				0.9850	575.13	0.9850	575.13
				1.0050	537.99	1.0050	537.99
				1.0250	454.68	1.0250	454.68
				1.0450	352.20	1.0450	352.20
				1.0650	287.57	1.0650	287.57
				1.0850	203.34	1.0850	203.34
				1.1050	143.78	1.1050	143.78
				1.1250	90.94	1.1250	90.94
				1.1450	0.00	1.1450	0.00

TABLE A- 9

ALPHA= 37.12

YC= 0.6210

REC= 18270.0

X=7.13		10.13		13.13		17.13	
Y	U	Y	U	Y	U	Y	U
0.0600	3123.28	0.0600	2656.45	0.0600	2203.79	0.0600	1785.49
0.0700	3130.38	0.0700	2651.23	0.0710	2199.46	0.0780	1781.98
0.0800	3130.38	0.0800	2674.52	0.0830	2227.48	0.0980	1805.04
0.0900	3150.13	0.0900	2689.94	0.0910	2245.96	0.1180	1850.28
0.1000	3215.09	0.1000	2712.89	0.1010	2282.49	0.1380	1885.70
0.1100	3247.08	0.1100	2728.09	0.1110	2291.53	0.1680	1923.69
0.1200	3278.76	0.1200	2765.72	0.1210	2309.50	0.1980	1947.19
0.1300	3322.60	0.1300	2765.72	0.1310	2318.43	0.2280	1957.77

X----	7.13	10.13	13.13	17.13			
Y	U	Y	U	Y	U		
C.1400	3341.22	0.1400	2780.63	0.1510	2336.20	0.2680	1959.89
C.1500	3353.57	0.1500	2780.63	0.1710	2353.83	0.3180	1964.10
C.1600	3372.01	0.1600	2802.85	0.1910	2353.83	0.3480	1953.55
C.1700	3390.36	0.1700	2802.85	0.2110	2353.83	0.3880	1936.54
C.1800	3402.53	0.1800	2802.85	0.2310	2353.83	0.4180	1923.69
C.1900	3372.01	0.1900	2802.85	0.2510	2362.60	0.4580	1909.66
C.2000	3402.53	0.2100	2802.85	0.2710	2362.60	0.5180	1874.70
C.2100	3402.53	0.2400	2780.63	0.2910	2353.83	0.5680	1846.93
C.2200	3390.36	0.2600	2765.72	0.3110	2318.43	0.6180	1813.04
C.2300	3372.01	0.2800	2743.21	0.3310	2309.50	0.6680	1770.34
C.2400	3372.01	0.3000	2728.09	0.3510	2300.53	0.7180	1734.96
C.2500	3353.57	0.3200	2712.89	0.3710	2291.53	0.7680	1692.74
C.2600	3341.22	0.3500	2651.23	0.4010	2273.41	0.8180	1639.38
C.2700	3328.82	0.3800	2611.95	0.4310	2227.48	0.8680	1601.10
C.2800	3322.60	0.4100	2572.07	0.4610	2199.46	0.9180	1552.59
C.3000	3278.76	0.4400	2506.94	0.5010	2151.95	0.9680	1508.01
C.3200	3215.09	0.4700	2440.08	0.5410	2113.17	1.0180	1463.48
C.3400	3163.23	0.5000	2405.95	0.5810	2093.51	1.0680	1423.38
C.3600	3117.14	0.5300	2362.60	0.6210	2033.40	1.1180	1364.05
C.3800	3050.10	0.5600	2273.41	0.6810	1936.54	1.1680	1317.79
C.4000	3002.28	0.5900	2208.84	0.7210	1887.89	1.2180	1269.86
C.4200	2946.68	0.6200	2151.95	0.7610	1830.06	1.2680	1223.42
C.4400	2911.39	0.6500	2093.51	0.8010	1769.18	1.3180	1168.10
C.4600	2802.85	0.6800	2053.63	0.8410	1716.99	1.3680	1128.49
C.4800	2743.21	0.7100	1981.91	0.8810	1641.90	1.4180	1091.24
C.5000	2666.78	0.7400	1912.91	0.9210	1588.14	1.4680	1030.84
C.5200	2611.95	0.7700	1835.70	0.9610	1514.85	1.5180	968.80
C.5400	2506.94	0.8000	1784.30	1.0010	1473.34	1.5680	931.82
C.5600	2423.08	0.8300	1725.40	1.0410	1408.78	1.6180	886.34
C.5800	2362.60	0.8700	1613.96	1.0810	1348.81	1.6680	848.20
C.6000	2388.70	0.9000	1555.25	1.1210	1282.82	1.7180	792.77
C.6200	2405.95	0.9300	1480.34	1.1610	1202.98	1.7680	747.12
C.6400	2132.65	0.9600	1423.38	1.2010	1161.00	1.8180	689.56
C.6900	1929.05	0.9900	1341.12	1.2610	1064.38	1.8680	643.02
C.7400	1795.85	1.0200	1286.04	1.3010	1002.37	1.9180	610.02
C.7900	1601.10	1.0500	1202.98	1.3410	942.85	1.9680	564.25
C.8400	1437.83	1.0800	1141.24	1.3910	862.70	2.0180	498.08
C.8900	1333.39	1.1100	1075.97	1.4410	805.70	2.0680	454.68
C.9400	1085.54	1.1400	1016.70	1.4910	733.15	2.1180	406.68
C.9900	909.36	1.1700	931.82	1.5410	643.02	2.1680	352.20
1.0400	755.37	1.2000	886.34	1.6410	526.33	2.2180	1095.02
1.0900	643.02	1.2300	813.36	1.7410	363.75	2.2680	287.57
1.1400	454.68	1.2600	747.12	1.8410	203.34	2.3180	203.34
1.1900	340.25	1.2900	689.56	1.9410	0.00	2.3680	192.91
1.2400	143.78	1.3200	610.02			2.4680	0.00
1.2600	0.00	1.3500	575.13				
		1.3800	498.08				

X----		7.13			10.13			13.13			17.13		
Y		U		Y		U		Y		U	Y		U
				1.4100		454.68							
				1.4400		380.41							
				1.4700		301.60							
				1.5000		249.04							
				1.5300		181.87							
				1.5600		64.30							
				1.5700		64.30							
				1.5800		0.00							

TABLE A- 9

ALPHA= 37.12

YC= 0.6210

REC= 18270.0

X----		22.13			27.13			33.13			39.13		
Y		U		Y		U		Y		U	Y		U
C.0600		1426.18		0.0600		1147.11		0.0600		944.70	0.0600		789.08
C.0700		1430.62		0.0750		1176.92		0.0800		975.18	0.0850		818.43
C.0800		1437.83		0.1000		1220.04		0.1100		1036.83	0.1250		874.60
C.1000		1501.14		0.1400		1245.20		0.1300		1056.59	0.1750		909.36
C.1300		1528.44		0.1800		1289.25		0.1800		1089.34	0.2250		920.66
C.1500		1548.59		0.2200		1309.93		0.2300		1113.74	0.2750		927.37
C.1700		1555.25		0.2400		1320.93		0.2800		1113.74	0.3250		936.25
C.1900		1564.53		0.2600		1325.61		0.3300		1110.02	0.3750		958.07
C.2200		1575.07		0.2800		1328.73		0.3800		1113.74	0.4250		975.18
C.2400		1581.61		0.3000		1336.49		0.4300		1122.98	0.4750		970.94
C.2600		1581.61		0.3200		1333.39		0.4800		1126.66	0.5250		970.94
C.2800		1584.23		0.3400		1333.39		0.5300		1126.66	0.6250		970.94
C.3000		1588.14		0.3900		1325.61		0.5800		1126.66	0.7250		947.22
C.3200		1590.74		0.4400		1324.05		0.6300		1122.98	0.8250		942.85
C.3400		1594.63		0.4900		1320.93		0.6800		1113.74	0.9250		931.82
C.3800		1584.23		0.5400		1317.79		0.7300		1110.02	1.0250		929.60
C.4000		1581.61		0.5900		1309.93		0.7800		1083.63	1.1250		911.63
C.4400		1575.07		0.6400		1302.01		0.8300		1066.32	1.2250		902.52
C.4900		1568.49		0.6900		1286.04		0.8800		1062.44	1.3250		886.34
C.5400		1541.90		0.7400		1273.11		0.9300		1060.49	1.4250		862.70
C.5900		1508.01		0.7900		1253.47		0.9800		1054.63	1.5250		857.89
C.6400		1494.24		0.8400		1245.20		1.0300		1046.76	1.6250		833.45
C.6900		1487.30		0.8900		1220.04		1.0800		1032.84	1.7250		808.26
C.7400		1452.14		0.9400		1194.35		1.1300		1016.70	1.8250		787.53
C.7900		1430.62		0.9900		1159.22		1.1800		1012.63	1.9250		755.37
C.8400		1423.38		1.0400		1146.66		1.2300		1006.48	2.0250		744.35
C.8900		1386.59		1.0900		1133.97		1.3300		985.73	2.1250		724.64

X----- 22.13		27.13		33.13		39.13	
Y	U	Y	U	Y	U	Y	U
C.9400	1364.05	1.1400	1122.98	1.4300	953.75	2.2250	698.50
C.9900	1341.12	1.1900	1253.47	1.5300	920.66	2.3250	674.40
1.0400	1325.61	1.2400	1066.32	1.6300	886.34	2.4250	665.14
1.0900	1277.97	1.2900	1046.76	1.7300	862.70	2.5250	633.30
1.1400	1159.22	1.3400	1026.82	1.8300	830.96	2.6250	610.02
1.1900	1220.04	1.3900	1006.48	1.9300	800.55	2.7250	603.20
1.2400	1194.35	1.4400	985.73	2.0300	776.96	2.8250	575.13
1.2900	1159.22	1.4900	973.06	2.1300	755.37	2.9250	537.99
1.3400	1132.15	1.5400	964.53	2.2300	716.92	3.0250	522.39
1.3900	1104.42	1.5900	955.91	2.3300	689.56	3.1250	498.08
1.4400	1062.44	1.6400	904.81	2.4300	665.14	3.2250	454.68
1.4900	1036.83	1.6900	886.34	2.5300	643.02	3.3250	445.50
1.5400	996.16	1.7400	867.48	2.6300	603.20	3.5250	1253.47
1.5900	964.53	1.7900	838.39	2.7300	556.87	3.6250	380.41
1.6400	942.85	1.8400	825.97	2.8300	537.99	3.9250	301.60
1.6900	931.82	1.8900	805.70	2.9300	518.42	4.1250	280.28
1.7400	874.60	1.9400	787.53	3.0300	485.47	4.4250	170.13
1.7900	850.63	1.9900	774.30	3.1300	445.50	4.6250	90.94
1.8400	825.97	2.0400	747.12	3.2300	406.68	4.8250	0.00
1.8900	792.77	2.0900	707.32	3.3300	380.41		
1.9400	760.83	2.1400	674.40	3.4300	363.75		
1.9900	738.77	2.1900	658.90	3.5300	352.20		
2.0400	718.92	2.2400	643.02	3.6300	321.51		
2.0900	674.40	2.2900	626.74	3.7300	272.81		
2.1400	643.02	2.3400	610.02	3.8300	249.04		
2.1900	616.76	2.3900	575.13	3.9300	222.75		
2.2400	592.83	2.4400	537.99	4.0300	192.91		
2.2900	556.87	2.4900	518.42	4.1300	170.13		
2.3400	518.42	2.5400	498.08	4.2300	128.60		
2.3900	498.08	2.5900	485.47	4.3300	90.94		
2.4400	463.69	2.6400	476.87	4.4300	0.00		
2.4900	485.47	2.7400	454.68				
2.5400	416.72	2.8400	406.68				
2.5900	396.38	2.9400	363.75				
2.6400	369.39	3.0400	308.38				
2.6900	352.20	3.1400	249.04				
2.7400	321.51	3.2400	231.84				
2.8400	249.04	3.3400	222.75				
2.9400	222.75	3.4400	143.78				
3.0400	170.13	3.5400	90.94				
3.1400	90.94	3.5900	0.00				
3.2400	0.00						

TABLE A-10

ALPHA= 37.12

YC= 1.2649

REC= 31330.0

X--- 0.00		1.05		5.05		9.05	
Y	U	Y	U	Y	U	Y	U
0.0600	3234.28	0.0600	3021.96	0.0600	2966.50	0.0600	2895.23
0.0680	3227.92	0.0740	3043.31	0.0810	2932.61	0.0700	2889.94
0.0780	3227.92	0.1040	3136.98	0.1010	3029.70	0.0800	2889.94
0.0880	3234.32	0.1240	3328.82	0.1210	3130.38	0.1000	2712.89
0.0980	3234.32	0.1540	3474.68	0.1410	3215.09	0.1300	2765.72
0.1180	3450.79	0.1840	3591.70	0.1610	3322.60	0.1600	2875.66
0.1280	3492.48	0.2140	3648.81	0.1810	3372.01	0.1800	2925.55
0.1380	3504.30	0.2440	3716.17	0.2010	3402.53	0.2000	2939.65
0.1480	3580.17	0.2840	3738.36	0.2310	3444.80	0.2200	2960.68
0.1680	3637.46	0.3140	3682.64	0.2610	3432.77	0.2400	2967.65
0.1880	3677.03	0.3540	3626.07	0.2910	3420.71	0.2600	2981.55
0.2080	3693.85	0.3840	3585.94	0.3310	3390.36	0.3000	2946.68
0.2280	3710.61	0.4140	3551.18	0.3610	3240.71	0.3400	2911.39
0.2580	3705.03	0.4540	3474.68	0.3910	3234.32	0.3900	2861.25
0.2880	3693.85	0.4940	3390.36	0.4310	3130.38	0.4400	2720.50
0.3280	3626.07	0.5240	3310.14	0.4710	3029.70	0.4900	2651.23
0.3680	3580.17	0.5540	3247.08	0.5010	2967.65	0.5400	2611.95
0.3980	3521.95	0.5840	3163.23	0.5310	2904.28	0.5900	2448.54
0.4380	3486.56	0.6140	3103.85	0.5610	2780.63	0.6400	2336.20
0.4680	3462.76	0.6540	2995.39	0.5910	2689.94	0.6900	2227.48
0.5080	3372.01	0.6840	2960.68	0.6210	2604.02	0.7400	2132.65
0.5480	3272.45	0.7240	2824.89	0.6510	2547.84	0.7900	2033.40
0.5980	3202.20	0.7640	2712.89	0.6810	2448.54	0.8400	1939.74
0.6480	3063.63	0.8040	2588.10	0.7110	2336.20	0.8900	1830.06
0.6980	2995.39	0.8440	2465.37	0.7410	2227.48	0.9400	1713.37
0.7380	2875.66	0.8840	2318.43	0.7710	2180.58	0.9900	1601.10
0.7780	2765.72	0.9140	2245.96	0.8010	2113.17	1.0400	1508.01
0.8180	2611.95	0.9440	2122.93	0.8310	2028.31	1.0900	1437.83
0.8480	3240.71	0.9840	2018.09	0.8710	1918.31	1.1400	1302.01
0.8780	3169.76	1.0040	1950.37	0.9010	1830.06	1.1900	1202.98
0.9180	2273.41	1.0240	1863.64	0.9310	1725.40	1.2400	1122.98
0.9380	2208.84	1.0540	1758.63	0.9610	1664.41	1.2900	953.75
0.9680	2122.93	1.0740	1685.39	0.9910	1581.61	1.3400	942.85
1.0080	1992.32	1.1140	1548.59	1.0210	1494.24	1.3900	862.70
1.0380	1872.50	1.1440	1413.18	1.0510	1389.57	1.4400	787.53
1.0680	1772.68	1.1740	1313.08	1.1010	1294.05	1.4900	718.92
1.0980	1676.78	1.2040	1202.98	1.1310	1220.04	1.5400	643.02
1.1380	1521.66	1.2440	1032.84	1.1610	1150.26	1.5900	537.99
1.1780	1401.42	1.2740	909.36	1.1910	1085.54	1.6400	406.68
1.2180	1264.96	1.2940	838.39	1.2110	1030.84	1.6900	380.41
1.2480	1126.66	1.3140	747.12	1.2410	962.38	1.7400	352.20
1.2880	931.82	1.3340	652.59	1.2710	897.93	1.7900	287.57
		1.3540	575.13	1.3010	838.39	1.8400	231.84

X=--- 0.00		1.05		5.05		9.05	
Y	U	Y	U	Y	U	Y	U
1.3740	506.31	1.3310	766.24	1.8900	181.87		
1.3940	440.83	1.3610	704.39	1.9400	143.78		
1.4140	352.20	1.3910	652.59	1.9900	90.94		
1.4340	287.57	1.4210	599.77	2.0400	0.00		
1.4540	203.34	1.4510	534.13				
1.4740	90.94	1.4810	489.71				
1.4940	0.00	1.5210	406.68				
		1.5510	352.20				
		1.5910	287.57				
		1.6310	222.75				
		1.6610	192.91				
		1.6910	128.60				
		1.7410	0.00				

TABLE A-10

ALPHA= 37.12

YC= 1.2649

REC= 31330.0

X=--- 13.05		17.05		23.05		29.05	
Y	U	Y	U	Y	U	Y	U
C.0600	2296.04	0.0600	1878.39	0.0600	1455.00	0.0600	1166.85
C.0840	2300.53	0.0700	1891.17	0.0650	1454.98	0.0890	1168.10
C.1140	2345.03	0.0800	1902.07	0.0850	1466.31	0.1190	1226.80
C.1440	2423.08	0.0900	1907.50	0.1050	1494.24	0.1490	1281.20
C.1640	2440.08	0.1000	1918.31	0.1250	1521.66	0.1790	1292.45
C.1940	2465.37	0.1100	1939.74	0.1450	1568.49	0.2090	1305.18
C.2240	2473.74	0.1200	1971.45	0.1650	1581.61	0.2390	1333.39
C.2540	2465.37	0.1300	2007.82	0.1850	1598.52	0.2690	1351.87
C.2840	2465.37	0.1400	2012.96	0.2050	1607.54	0.2990	1351.87
C.3140	2431.59	0.1700	2063.68	0.2250	1617.80	0.3290	1354.92
C.3540	2423.08	0.1900	2073.67	0.2450	1626.72	0.3690	1364.05
C.3840	2380.03	0.2100	2073.67	0.2650	1629.26	0.4290	1367.07
C.4140	2353.83	0.2300	2073.67	0.2850	1629.26	0.4790	1364.05
C.4440	2336.20	0.2500	2073.67	0.3050	1630.53	0.5290	1361.01
C.4840	2291.53	0.2700	2083.62	0.3250	1639.38	0.6290	1342.66
C.5140	2236.74	0.3300	2063.68	0.3450	1648.18	0.7290	1317.79
C.5540	2208.84	0.3800	2053.63	0.3650	1651.94	0.8290	1298.83
C.5840	2161.53	0.4300	2012.96	0.3850	1648.18	0.9290	1253.47
C.6140	2132.65	0.4800	1987.12	0.4050	1639.38	1.0290	1223.42
C.6440	2113.17	0.5300	1929.05	0.4250	1630.53	1.1290	1199.53
C.6740	2073.67	0.5800	1918.31	0.4450	1620.35	1.2290	1166.33
C.7040	2023.21	0.6300	1874.70	0.4650	1624.18	1.3290	1132.15

X--- 13.05		17.05		23.05		29.05	
Y	L	Y	U	Y	U	Y	U
C.7340	1976.69	0.6800	1841.32	0.4850	1626.72	1.4290	1093.13
C.7640	1939.74	0.7300	1874.70	0.5050	1613.96	1.5290	1056.59
C.7940	1896.63	0.7800	1795.85	0.5250	1601.10	1.6290	1002.37
C.8340	1843.57	0.8300	1689.07	0.5450	1594.63	1.7290	962.38
C.8640	1795.85	0.8800	1639.38	0.5650	1588.14	1.8290	909.36
C.9040	1737.34	0.9300	1594.63	0.5850	1581.61	1.9290	886.34
C.9340	1685.39	0.9800	1548.59	0.6050	1575.07	2.0290	835.92
C.9640	1639.38	1.0300	1508.01	0.6250	1575.07	2.1290	787.53
C.9940	1597.22	1.0800	1466.31	0.6450	1561.88	2.2290	755.37
1.0240	1571.12	1.1300	1416.10	0.6650	1555.25	2.3290	710.24
1.0540	1514.85	1.1800	1364.05	0.7050	1535.18	2.4290	686.55
1.0840	1477.54	1.2300	1325.61	0.7250	1528.44	2.5290	626.74
1.1140	1424.83	1.2800	1286.04	0.7650	1508.01	2.6290	575.13
1.1440	1379.12	1.3300	1228.48	0.8250	1473.34	2.7290	530.25
1.1740	1351.87	1.3800	1168.10	0.8750	1447.86	2.8290	493.91
1.2140	1286.04	1.4300	1113.74	0.9250	1423.38	2.9290	463.69
1.2540	1233.52	1.4800	1056.59	0.9750	1401.42	3.0290	416.72
1.2940	1189.15	1.5300	1016.70	1.0250	1379.12	3.1290	358.02
1.3240	1143.05	1.5800	953.75	1.0750	1351.87	3.2290	346.28
1.3640	1089.34	1.6300	931.82	1.1250	1325.61	3.3290	321.51
1.4040	1026.82	1.6800	862.70	1.1750	1294.05	3.4290	280.28
1.4440	983.63	1.7300	825.97	1.2250	1261.69	3.5290	222.75
1.4740	929.60	1.7800	774.30	1.2750	1223.42	3.6290	143.78
1.5040	890.99	1.8300	718.92	1.3250	1202.98	3.7290	90.94
1.5340	850.63	1.8800	674.40	1.3750	1176.92	3.8290	0.00
1.5640	813.36	1.9300	658.90	1.4250	1150.26		
1.6040	771.62	1.9800	620.10	1.4750	1113.74		
1.6640	695.53	2.0300	567.90	1.5350	1075.97		
1.7040	643.02	2.0800	518.42	1.5750	1046.76		
1.7440	575.13	2.1300	454.68	1.6250	1016.70		
1.7840	537.99	2.1800	421.65	1.6750	985.73		
1.8240	498.08	2.2300	380.41	1.7250	953.75		
1.8740	416.72	2.2800	334.12	1.7750	920.66		
1.9240	391.13	2.3300	287.57	1.8250	886.34		
1.9740	340.25	2.3800	272.81	1.8750	874.60		
2.0240	280.28	2.4300	222.75	1.9250	825.97		
2.0740	192.91	2.4800	170.13	1.9750	787.53		
2.1240	90.94	2.5300	90.94	2.0250	774.30		
2.1740	0.00	2.5800	0.00	2.0750	733.15		
				2.1250	704.39		
				2.1750	674.40		
				2.2250	658.90		
				2.2750	610.02		
				2.3250	592.83		
				2.3750	575.13		
				2.4250	556.87		
				2.4750	518.42		

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15.05		17.05		25.05		29.05	
Y	U	Y	U	Y	U	Y	U
				2.5250	476.67		
				2.5750	462.69		
				2.6250	454.68		
				2.6750	408.68		
				2.7250	352.20		
				2.7750	340.25		
				2.8250	321.51		
				2.8750	287.57		
				2.9250	272.61		
				2.9750	249.04		
				3.0250	222.75		
				3.0750	203.34		
				3.1250	181.87		
				3.1750	157.51		
				3.2250	111.37		
				3.2750	64.30		
				3.3250	0.00		

TABLE A-10

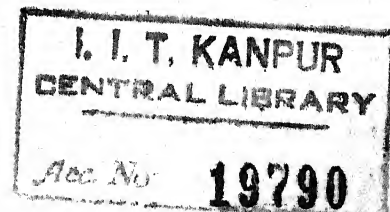
ALPHA= 37.12

YC= 1.2649

REC= 31350.0

ALPHA= 35.05

Y	U
0.0600	990.12
0.1490	996.16
0.2190	1046.76
0.2690	1095.02
0.3190	1121.14
0.4190	1159.22
0.5190	1162.78
0.6190	1168.10
0.7190	1155.64
0.8190	1137.61
0.9190	1113.74
1.0190	1110.02
1.1190	1091.24
1.2190	1064.38
1.3190	1036.83
1.4190	1020.76
1.5190	989.91
1.6190	958.07



..... 25 75

Y	U
1.7190	986.25
1.8190	979.26
1.9190	972.99
2.0190	966.30
2.1190	959.40
2.2190	952.90
2.3190	946.80
2.4190	940.15
2.5190	933.99
2.6190	927.40
2.7190	920.02
2.8190	913.02
2.9190	906.20
3.0190	899.14
3.1190	892.41
3.2190	885.12
3.3190	878.68
3.4190	871.65
3.5190	864.75
3.6190	857.57
3.7190	850.20
3.8190	843.24
3.9190	837.51
4.0190	830.00

TABLE A-11

ALPHA= 5.192

YC= 0.1029

REC= 3510.0

X----	0.00		0.50		1.00		2.00
Y	U	Y	U	Y	U	Y	U
0.0600	5146.21	0.0600	4821.38	0.0600	4416.98	0.0600	2410.69
0.0750	5136.10	0.0650	4897.08	0.0650	4431.69	0.0690	2405.95
0.0900	5136.10	0.0700	4918.14	0.0700	4623.47	0.0790	2414.53
0.1000	5136.10	0.0750	5042.67	0.0750	4747.02	0.0840	2414.53
0.1100	5136.10	0.0800	5083.50	0.0800	4760.07	0.0940	2423.08
0.1300	5144.14	0.0850	5091.63	0.0850	4747.02	0.1040	2423.08
0.1400	5075.36	0.0900	5083.50	0.0900	4681.24	0.1240	2405.95
0.1500	5103.79	0.0950	5063.13	0.0950	4614.52	0.1440	2371.33
0.1600	5103.79	0.1000	5042.67	0.1000	4546.82	0.1490	2336.20
0.1700	5132.07	0.1050	4972.48	0.1050	4431.69	0.1640	2291.53
0.1750	5128.04	0.1100	4627.94	0.1100	4191.96	0.1840	2208.84

X=--- 0.00		0.50		1.00		2.00	
Y	U	Y	U	Y	U	Y	U
0.1150	4408.31	0.1150	4041.30	0.2040	2122.93		
0.1200	3989.82	0.1200	3693.85	0.2240	2021.16		
0.1250	3402.53	0.1250	3328.82	0.2440	1874.70		
0.1300	2839.49	0.1300	3050.10	0.2640	1760.98		
0.1350	2300.53	0.1350	2651.23	0.2840	1621.63		
0.1400	1760.98	0.1400	2227.48	0.3040	1463.48		
0.1450	1364.05	0.1450	2053.63	0.3240	1320.93		
0.1500	953.75	0.1500	1664.41	0.3440	1168.10		
0.1550	592.83	0.1550	1132.15	0.3640	1016.70		
0.1600	301.60	0.1600	909.36	0.3840	909.36		
0.1650	90.94	0.1650	658.90	0.4040	733.15		
0.1700	0.00	0.1700	431.35	0.4340	498.08		
		0.1750	380.41	0.4540	352.20		
		0.1800	287.57	0.4740	203.34		
		0.1860	203.34	0.4940	0.00		
		0.1900	143.78				
		0.1950	64.30				
		0.2000	0.00				

TABLE A-11

ALPHA= 53.92

YC= 0.1029

REC= 3516.0

X=--- 4.00		6.00		9.00		12.00	
Y	U	Y	U	Y	U	Y	U
0.0600	1524.65	0.0600	1304.57	0.0600	955.63	0.0600	756.86
0.0890	1524.37	0.0650	1302.01	0.0650	960.23	0.0700	758.11
0.1090	1557.91	0.0750	1317.79	0.0750	970.94	0.0800	760.83
0.1190	1563.21	0.0850	1333.39	0.0850	985.73	0.0950	774.30
0.1390	1555.25	0.0950	1341.12	0.0950	996.16	0.1250	800.55
0.1590	1541.90	0.1050	1341.12	0.1050	1006.48	0.1450	825.97
0.1790	1521.66	0.1450	1361.01	0.1150	1016.70	0.1750	850.63
0.1990	1483.13	0.1950	1330.29	0.1250	1026.82	0.2050	857.89
0.2290	1433.51	0.2250	1302.01	0.1350	1036.83	0.2350	857.89
0.2490	1404.37	0.2450	1294.05	0.1450	1040.81	0.2650	850.63
0.2790	1351.87	0.2850	1253.47	0.1550	1040.81	0.2950	843.31
0.3090	1264.96	0.3250	1211.54	0.1650	1040.81	0.3450	825.97
0.3290	1223.42	0.3650	1168.10	0.1950	1050.70	0.3950	813.36
0.3590	1157.43	0.4050	1141.24	0.2250	1046.76	0.4450	808.26
0.3890	1098.79	0.4450	1095.02	0.2550	1040.81	0.4950	800.55
0.4190	1030.84	0.4850	1056.59	0.2850	1026.82	0.5550	782.26
0.4490	953.75	0.5250	1016.70	0.3150	1012.63	0.5950	766.24

X--- 4.00		6.00		9.00		12.00	
Y	U	Y	U	Y	U	Y	U
C.4790	886.34	0.5650	975.18	0.3450	996.16	0.6450	747.12
C.5090	870.96	0.6050	920.66	0.3750	985.73	0.6950	718.92
C.5390	766.24	0.6450	862.70	0.4050	1075.97	0.7450	689.56
C.5690	704.39	0.6850	825.97	0.4350	953.75	0.7950	674.40
C.5990	616.76	0.7250	787.53	0.4650	931.82	0.8450	649.42
C.6290	575.13	0.7650	747.12	0.4950	916.16	0.8950	626.74
C.6690	510.38	0.8050	704.39	0.5250	1095.02	0.9450	616.76
0.7090	406.68	0.8450	643.02	0.5650	862.70	0.9950	575.13
C.7490	363.75	0.8850	603.20	0.5950	850.63	1.0450	556.87
C.7990	287.57	0.9250	549.39	0.6250	838.39	1.0950	545.62
C.8390	222.75	0.9650	498.08	0.6550	813.36	1.1450	537.99
0.8790	157.51	1.0050	463.69	0.6850	787.53	1.1950	518.42
C.9290	0.00	1.0450	431.35	0.7150	766.24	1.2450	498.08
		1.0850	380.41	0.7450	747.12	1.2950	485.47
		1.1250	321.51	0.7750	727.49	1.3450	463.69
		1.1650	287.57	0.8050	704.39	1.3950	431.35
		1.2050	249.04	0.8350	689.56	1.4450	406.68
		1.2450	181.87	0.8650	674.40	1.4950	385.81
		1.2850	128.60	0.8950	626.74	1.5450	363.75
				0.9250	610.02	1.5950	334.12
				0.9550	592.83	1.6450	321.51
				0.9850	575.13	1.6950	287.57
				1.0150	556.87	1.7450	249.04
				1.0550	530.25	1.7950	222.75
				1.0850	510.38	1.8450	203.34
				1.1150	489.71	1.8950	181.87
				1.1450	472.52	1.9450	143.78
				1.1750	454.68	1.9950	128.60
				1.2050	431.35	2.0450	90.94
				1.2350	416.72	2.0950	90.94
				1.2650	396.38	2.1550	0.00
				1.2950	380.41		
				1.3250	369.39		
				1.3550	340.25		
				1.3850	315.01		
				1.4150	287.57		
				1.4450	249.04		
				1.4750	222.75		
				1.5050	222.75		
				1.5350	203.34		
				1.5650	181.87		
				1.5950	143.78		
				1.6450	90.94		
				1.6650	64.30		
				1.6950	0.00		

TABLE A-11

ALPHA= 53.92

YC= 0.1029

REC= 3516.0

X--- 15.00

Y	U
C.0600	644.28
C.0750	658.90
C.0950	689.56
C.1150	718.92
C.1350	727.49
C.1550	733.15
C.1750	744.35
C.2050	747.12
C.2450	755.37
C.2850	755.37
C.3150	749.88
C.3550	738.77
C.4050	727.49
C.4650	713.14
C.5150	704.39
C.6150	683.54
C.7150	643.02
C.8150	616.76
C.9150	582.28
1.0150	545.62
1.2150	476.87
1.4150	406.68
1.6150	340.25
1.8150	203.34
2.0150	181.87
2.2150	0.00

Y	0.00	U	Y	0.00	U	Y	0.00	U
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TABLE A-12

ALPHA= 53.92

YC= 0.2057

REC= 6098.0

X--- 0.00

Y	U
C.0600	4283.39
C.0700	4279.81
C.0750	4274.98
C.0850	4274.98
C.0950	4303.90
C.1050	4375.36

1.10

Y	U
0.0600	4023.55
0.0660	4015.64
0.0760	4015.64
0.0860	4015.64
0.0960	4051.52
0.1060	4107.27

2.10

Y	U
0.0600	3701.13
0.0670	3693.85
0.0720	3699.45
0.0770	3699.45
0.0820	3699.45
0.0920	3710.61

4.10

Y	U
0.0600	2952.48
0.0700	2925.55
0.0800	2925.55
0.0900	2925.55
0.1000	2925.55
0.1100	2911.39

[illegible]

TABLE A-12

ALPHA= 53.92

YC= 0.2057

REC= 6098.0

X=--- 6.10		9.10		12.10		16.10	
Y	U	Y	U	Y	U	Y	U
C.0600	2367.25	0.0600	1816.60	0.0600	1450.71	0.0600	1125.19
C.0700	2380.03	0.0700	1815.32	0.0700	1452.14	0.0700	1122.98
C.0800	2405.95	0.0900	1841.32	0.0900	1466.31	0.0800	1126.66
0.0900	2414.53	0.1100	1874.70	0.1100	1480.34	0.0900	1128.49
C.1000	2405.95	0.1300	1885.70	0.1300	1521.66	0.1100	1168.10
C.1100	2405.95	0.1500	1891.17	0.1500	1528.44	0.1200	1185.67
C.1200	2405.95	0.1700	1874.70	0.1700	1531.14	0.1300	1206.41
C.1400	2362.60	0.1900	1863.64	0.1800	1535.18	0.1400	1206.41
C.1500	2336.20	0.2100	1852.52	0.1900	1545.92	0.1600	1223.42
C.1600	2318.43	0.2300	1824.40	0.2000	1535.18	0.1800	1228.48
C.1700	2336.20	0.2500	1793.55	0.2100	1528.44	0.2000	1230.17
C.1800	2291.53	0.2700	1760.98	0.2200	1524.37	0.2200	1238.54
C.2000	2227.48	0.2900	1731.38	0.2300	1521.66	0.2400	1231.84
C.2200	2161.53	0.3100	1701.26	0.2400	1516.21	0.2600	1230.17
C.2400	2103.37	0.3300	1664.41	0.2500	1510.75	0.2800	1226.80
C.2600	2023.21	0.3500	1639.38	0.2600	1508.01	0.3000	1218.34
C.2800	2018.09	0.3700	1607.54	0.2700	1501.14	0.3200	1214.95
C.3000	1955.66	0.3900	1575.07	0.2900	1480.34	0.3400	1201.26
C.3200	1902.07	0.4100	1535.18	0.3000	1480.34	0.3600	1185.67
C.3400	1818.73	0.4300	1501.14	0.3100	1469.12	0.3800	1183.92
C.3600	1760.98	0.4500	1459.24	0.3300	1440.70	0.4000	1168.10
C.3800	1701.26	0.4700	1416.10	0.3500	1416.10	0.4300	1152.06
0.4000	1639.38	0.4900	1379.12	0.3700	1398.47	0.4600	1132.15
C.4200	1575.07	0.5100	1348.81	0.3900	1379.12	0.4900	1126.66
C.4400	1494.24	0.5300	1309.93	0.4100	1361.01	0.5200	1098.79
C.4600	1466.31	0.5500	1269.86	0.4300	1344.20	0.5500	1074.05
C.4800	1394.03	0.5700	1150.26	0.4500	1320.93	0.5800	1056.59
C.5000	1302.01	0.5900	1202.98	0.4700	1294.05	0.6100	1038.83
C.5200	1202.98	0.6100	1168.10	0.4900	1274.73	0.6400	1016.70
C.5400	1164.55	0.6300	1132.15	0.5100	1253.47	0.6700	996.16
0.5600	1098.79	0.6500	1095.02	0.5300	1737.34	0.7000	975.18
C.5800	1030.84	0.6700	1056.59	0.5500	1211.54	0.7400	947.22
0.6200	909.36	0.6900	1016.70	0.5700	1197.81	0.7700	927.37
0.6600	787.53	0.7100	975.18	0.5900	1168.10	0.8000	909.36
0.6800	733.15	0.7300	931.82	0.6100	1141.24	0.8300	869.86
C.7000	674.40	0.7500	886.34	0.6300	1113.74	0.8600	850.63
C.7200	610.02	0.7700	855.48	0.6500	1091.24	0.8900	835.92
0.7400	537.99	0.7900	818.43	0.6700	1066.32	0.9200	813.36
0.7600	506.31	0.8100	779.62	0.6900	1042.80	0.9500	795.37
C.7800	431.35	0.8300	747.12	0.7100	1016.70	0.9800	766.24
0.8000	380.41	0.8500	704.39	0.7300	985.73	1.0100	738.77
0.8200	334.12	0.8700	668.24	0.7500	968.80	1.0500	713.14

X--- 6.10		9.10		12.10		16.10	
Y	U	Y	U	Y	U	Y	U
0.8400	272.81	0.8900	633.30	0.7700	947.22	1.0900	892.55
0.8600	283.34	0.9100	592.83	0.7900	925.14	1.1300	846.22
0.8800	170.13	0.9300	556.87	0.8100	904.81	1.1600	836.55
0.9000	128.60	0.9500	518.42	0.8300	886.54	1.2000	803.20
0.9200	64.30	0.9700	489.71	0.8500	862.70	1.2300	575.13
0.9400	0.00	0.9900	454.68	0.8700	787.53	1.2700	545.62
		1.0100	431.35	0.8900	760.83	1.3100	526.33
		1.0300	406.68	0.9100	747.12	1.3500	489.71
		1.0500	380.41	0.9500	733.15	1.3900	454.68
		1.0700	352.20	0.9700	704.39	1.4400	416.72
		1.0900	321.51	0.9900	674.40	1.4800	396.38
		1.1100	287.57	1.0100	643.02	1.5200	352.20
		1.1300	249.04	1.0300	626.74	1.5600	340.25
		1.1500	203.34	1.0500	599.77	1.6200	287.57
		1.1700	143.78	1.0700	582.28	1.6700	249.04
		1.1900	90.94	1.0900	567.90	1.7200	203.34
		1.2100	0.00	1.1100	537.99	1.8200	143.78
				1.1300	522.39	1.9200	0.00
				1.1500	485.47		
				1.1700	459.21		
				1.1900	445.50		
				1.2200	406.68		
				1.2600	352.20		
				1.2900	340.25		
				1.3300	287.57		
				1.3800	231.84		
				1.4300	181.87		
				1.4800	90.94		
				1.5300	0.00		

TABLE A-12

ALPHA= 53.92

YC= 0.2057

REC= 6098.0

X--- 20.10		26.10	
Y	U	Y	U
0.0600	888.08	0.0600	699.87
0.0880	909.36	0.1100	707.32
0.1080	931.82	0.1400	752.63
0.1280	973.06	0.1700	782.26
0.1580	998.23	0.2000	800.55
0.1780	1000.30	0.2300	813.36

20.10		26.10	
Y	U	Y	U
0.2080	1016.70	0.2500	808.26
0.2380	1016.73	0.2700	808.26
0.2680	1016.82	0.2900	810.81
0.2980	1010.84	0.3200	813.26
0.3280	1010.84	0.3500	805.70
0.3580	1016.70	0.3800	803.13
0.3880	1012.63	0.4100	803.13
0.4180	1010.58	0.4500	803.13
0.4580	992.60	0.5100	792.77
0.4880	987.82	0.5700	771.62
0.5180	964.53	0.6300	766.24
0.5780	949.40	0.7100	760.83
0.6180	931.82	0.8200	733.15
0.6580	919.38	0.9200	704.39
0.6980	902.52	1.0200	658.90
0.7680	874.60	1.1200	643.02
0.8180	843.31	1.2200	610.02
0.8480	833.47	1.3200	575.13
0.8880	813.36	1.4200	541.82
0.9680	766.24	1.6200	476.87
0.9280	787.53	1.5200	506.31
1.0080	755.37	1.7200	454.68
1.0380	723.15	1.8200	411.73
1.0780	704.39	1.9200	391.13
1.1180	677.46	2.0200	352.20
1.1580	668.24	2.1200	321.51
1.1880	643.02	2.2200	301.60
1.2280	626.74	2.3200	272.81
1.2680	599.77	2.4200	213.26
1.3180	582.28	2.5200	203.34
1.3680	564.25	2.6200	170.13
1.4080	537.99	2.7200	143.78
1.4580	506.31	2.8200	90.94
1.5080	489.71	2.9200	64.30
1.5680	454.68	2.9800	0.00
1.6380	416.72		
1.6980	391.13		
1.7780	346.28		
1.8280	315.01		
1.8880	287.57		
1.9480	280.28		
2.0180	213.26		
2.1180	192.91		
2.2180	111.37		
2.3180	0.00		

TABLE A-13

ALPHA= 53.92

YC= 0.3073

REC= 9784.0

X----	0.00		1.20		3.20		4.20	
	Y	U	Y	U	Y	U	Y	U
C.0600	4273.69		0.0600	4023.55	0.0600	3756.79	0.0600	3445.56
C.0650	4289.46		0.0700	4066.80	0.0670	3760.42	0.0720	3444.80
C.0700	4299.09		0.0800	4191.96	0.0770	3765.91	0.0820	3450.79
C.0750	4313.49		0.0900	4313.49	0.0870	3842.00	0.0920	3504.30
C.0800	4313.49		0.1000	4370.63	0.0970	3858.11	0.1020	3521.95
C.0850	4337.39		0.1100	4431.69	0.1070	3895.43	0.1120	3533.67
C.0900	4337.39		0.1200	4468.86	0.1170	3895.43	0.1220	3539.52
C.0950	4346.91		0.1300	4501.12	0.1270	3895.43	0.1320	3521.95
C.1000	4384.80		0.1400	4501.12	0.1370	3884.81	0.1420	3516.08
C.1050	4454.96		0.1500	4501.12	0.1470	3858.11	0.1520	3486.56
C.1100	4533.16		0.1700	4454.96	0.1570	3847.37	0.1620	3450.79
C.1150	4592.06		0.1800	4384.80	0.1670	3787.80	0.1720	3414.66
C.1200	4636.87		0.1900	4313.49	0.1770	3738.36	0.1820	3384.25
C.1250	4659.11		0.2000	4206.73	0.1870	3662.64	0.1920	3335.02
C.1300	4681.24		0.2100	4102.23	0.1970	3620.37	0.2020	3291.35
C.1350	4698.87		0.2200	4005.33	0.2070	3521.95	0.2120	3227.92
C.1400	4725.20		0.2300	3884.81	0.2170	3450.79	0.2220	3169.76
C.1450	4755.72		0.2400	3776.87	0.2270	3384.25	0.2320	3130.38
C.1500	4760.07		0.2500	3637.46	0.2370	3328.82	0.2420	3083.80
C.1550	4768.75		0.2600	3492.48	0.2470	3259.79	0.2520	3029.70
C.1650	4760.07		0.2700	3372.01	0.2570	3195.74	0.2620	2981.55
C.1750	4751.37		0.2800	3266.12	0.2670	3083.80	0.2720	2918.48
C.1850	4703.27		0.2900	3150.13	0.2770	3002.28	0.2820	2854.01
C.1950	4636.87		0.3000	2981.55	0.2870	2946.68	0.2920	2802.85
C.2050	4555.91		0.3100	2802.85	0.2970	2854.01	0.3020	2728.09
C.2150	4417.68		0.3200	2651.23	0.3070	2758.24	0.3120	2659.02
C.2250	4375.36		0.3300	2490.40	0.3170	2666.78	0.3220	2588.10
C.2350	4265.30		0.3400	2345.03	0.3270	2583.10	0.3320	2547.84
C.2450	4191.96		0.3500	2199.46	0.3370	2506.94	0.3420	2482.08
C.2550	4066.80		0.3600	2083.62	0.3470	2423.08	0.3520	2405.95
			0.3700	1960.94	0.3570	2336.20	0.3620	2345.03
			0.3800	1818.73	0.3670	2236.74	0.3720	2291.53
			0.3900	1626.72	0.3770	2161.53	0.3820	2227.48
			0.4000	1466.31	0.3970	2053.63	0.3920	2171.08
			0.4100	1302.01	0.4070	1952.49	0.4020	2122.93
			0.4200	1202.98	0.4170	1863.64	0.4120	2073.67
			0.4300	1056.59	0.4270	1769.18	0.4220	1984.00
			0.4400	953.75	0.4370	1709.75	0.4320	1925.84
			0.4500	838.39	0.4470	1624.18	0.4420	1863.64
			0.4600	718.92	0.4570	1548.59	0.4520	1818.73
			0.4700	592.83	0.4670	1502.52	0.4620	1751.56
			0.4800	498.08	0.4770	1426.28	0.4720	1710.96
			0.4900	406.68	0.4870	1353.40	0.4820	1651.94

X--- 0.00

Y

U

1.20

Y	U
0.5000	352.20
0.5100	287.57
0.5200	203.34
0.5300	143.78
0.5400	64.30
0.5500	0.00

3.20

Y	U
0.4970	1266.60
0.5070	1183.92
0.5170	1113.74
0.5270	1036.85
0.5370	960.23
0.5470	909.36
0.5570	860.30
0.5670	810.81
0.5770	758.77
0.5870	674.40
0.5970	616.76
0.6070	545.62
0.6170	493.91
0.6270	445.50
0.6370	391.13
0.6470	334.12
0.6570	280.28
0.6670	213.26
0.6770	181.87
0.6870	0.00

4.20

Y	U
0.4920	1586.83
0.5020	1510.75
0.5120	1440.70
0.5220	1377.62
0.5320	1317.79
0.5420	1271.49
0.5520	1218.34
0.5620	1171.63
0.5720	1117.45
0.5820	1066.32
0.5920	1012.63
0.6020	953.75
0.6120	890.99
0.6220	840.85
0.6320	792.77
0.6420	755.37
0.6520	707.32
0.6620	652.59
0.6720	610.02
0.6820	571.53
0.6920	510.38
0.7020	476.87
0.7120	421.65
0.7220	385.81
0.7320	340.25
0.7420	294.67
0.7520	265.12
0.7620	213.26
0.7720	181.87
0.7820	128.60
0.7920	0.00

TABLE A-13

ALPHA= 53.92

YC= 0.3073

REC= 9784.0

X--- 6.20		8.20		11.20		14.20	
Y	U	Y	U	Y	U	Y	U
C.0600	2931.31	0.0600	2536.55	0.0600	1975.34	0.0600	1600.37
C.0740	2932.61	0.0650	2490.40	0.0700	1976.69	0.0760	1610.11
C.0840	2939.65	0.0750	2547.84	0.0900	2018.09	0.0960	1664.41
C.0940	2946.68	0.0850	2547.84	0.1100	2058.66	0.1160	1687.84
C.1040	2967.65	0.0950	2572.07	0.1200	2063.68	0.1260	1697.62
C.1140	2995.39	0.1050	2572.07	0.1300	2083.62	0.1360	1709.75
C.1240	3002.28	0.1250	2572.07	0.1500	2088.57	0.1460	1713.37
C.1340	3002.28	0.1550	2531.56	0.1600	2083.62	0.1560	1715.78
C.1440	3002.28	0.1750	2490.40	0.1700	2083.62	0.1600	1716.99
C.1540	2995.39	0.1950	2448.54	0.1900	2083.62	0.1760	1727.79
C.1640	2988.48	0.2150	2405.95	0.2100	2073.67	0.1860	1728.99
C.1740	2960.68	0.2350	2362.60	0.2300	2058.66	0.2060	1725.40
C.1840	2946.68	0.2550	2316.43	0.2500	2033.40	0.2260	1724.20
C.1940	2932.61	0.2750	2273.41	0.2700	2012.96	0.2460	1716.99
C.2040	2897.15	0.2950	2227.48	0.2900	2002.67	0.2760	1697.62
C.2140	2868.46	0.3150	2180.58	0.3100	1976.69	0.3060	1679.25
C.2240	2839.49	0.3350	2132.65	0.3300	1960.94	0.3360	1654.44
C.2340	2788.06	0.3550	2103.37	0.3500	1918.31	0.3760	1626.72
C.2440	2773.19	0.3750	2063.68	0.3700	1896.63	0.4160	1581.61
C.2540	2728.09	0.3950	1992.32	0.3900	1874.70	0.4560	1544.58
C.2640	2712.89	0.4150	1966.20	0.4100	1818.73	0.4960	1508.01
C.2740	2666.78	0.4350	1907.50	0.4300	1790.09	0.5360	1463.48
C.2840	2635.59	0.4550	1841.32	0.4500	1760.98	0.5760	1423.38
C.3040	2564.02	0.4750	1784.30	0.4700	1731.38	0.6160	1379.12
C.3240	2482.08	0.4950	1725.40	0.4900	1701.26	0.6560	1333.39
C.3340	2423.08	0.5150	1676.78	0.5100	1658.19	0.6960	1286.04
C.3540	2388.70	0.5350	1626.72	0.5300	1626.72	0.7360	1241.87
C.3740	2291.53	0.5550	1575.07	0.5500	1601.10	0.7760	1202.98
C.3940	2218.18	0.5750	1521.66	0.5700	1575.07	0.8160	1150.26
C.4140	2122.93	0.5950	1459.24	0.5900	1548.59	0.8560	1108.16
C.4340	2063.68	0.6150	1394.03	0.6100	1480.34	0.8960	1060.49
C.4540	1988.16	0.6350	1348.81	0.6300	1459.24	0.9360	1010.58
C.4740	1898.81	0.6550	1302.01	0.6500	1430.62	0.9760	970.94
C.4940	1815.32	0.6750	1245.20	0.6700	1401.42	1.0160	920.66
C.5140	1733.76	0.6950	1185.67	0.6900	1371.60	1.0560	886.34
C.5340	1643.16	0.7150	1132.15	0.7100	1325.61	1.0960	833.45
C.5540	1575.07	0.7350	1075.97	0.7300	1286.04	1.1360	787.53
C.5740	1483.13	0.7550	1016.70	0.7500	1253.47	1.1760	738.77
C.5940	1413.18	0.7750	975.18	0.7700	1220.04	1.2260	674.40
C.6140	1333.39	0.7950	909.36	0.7900	1180.42	1.2760	630.03
C.6340	1251.82	0.8150	862.70	0.8100	1144.86	1.3160	575.13
C.6540	1180.42	0.8350	838.39	0.8300	1108.16	1.3560	537.99
C.6740	1098.79	0.8550	774.30	0.8500	1070.19	1.3960	498.08

X--- 6.20		8.20		11.20		14.20	
Y	U	Y	U	Y	U	Y	U
C.6940	1036.83	0.8750	718.92	0.8700	1030.84	1.4360	454.68
C.7140	953.75	0.8950	665.14	0.8900	998.23	1.4760	406.68
C.7340	879.31	0.9150	626.74	0.9100	958.07	1.5260	352.20
C.7540	815.90	0.9350	582.28	0.9300	931.82	1.5760	301.60
C.7740	749.88	0.9550	537.99	0.9500	886.34	1.6260	249.04
C.7940	674.40	0.9750	498.08	0.9700	855.48	1.6760	192.91
C.8140	606.62	0.9950	445.50	0.9900	830.96	1.7260	90.94
C.8340	537.99	1.0150	406.68	1.0100	792.77	1.7660	0.00
C.8540	476.87	1.0350	380.41	1.0300	755.37		
C.8740	406.68	1.0550	334.12	1.0500	730.33		
C.8940	352.20	1.0750	272.81	1.0700	695.53		
C.9140	287.57	1.0950	240.60	1.0900	674.40		
C.9340	222.75	1.1150	203.34	1.1100	620.10		
C.9540	143.78	1.1350	143.78	1.1300	589.34		
C.9740	0.00	1.1550	0.00	1.1600	545.62		
				1.1900	498.08		
				1.2200	454.68		
				1.2500	406.68		
				1.2800	352.20		
				1.3100	334.12		
				1.3500	280.28		
				1.3800	222.75		
				1.4100	181.87		
				1.4500	0.00		

TABLE A-13

ALPHA= 53.92

YC= 0.3073

REC= 9784.0

X--- 18.20		22.20		26.20		32.20	
Y	U	Y	U	Y	U	Y	U
C.0600	1320.39	0.0600	1074.24	0.0600	899.69	0.0600	726.07
C.0760	1341.12	0.0670	1072.12	0.0700	902.52	0.0810	727.49
C.0860	1356.45	0.0870	1121.14	0.1000	953.75	0.1010	727.49
C.0960	1379.12	0.1070	1153.85	0.1100	958.07	0.1310	792.77
C.1060	1394.03	0.1270	1168.10	0.1200	970.94	0.1610	818.43
C.1160	1401.42	0.1470	1180.42	0.1300	985.73	0.1910	830.96
C.1260	1408.78	0.1670	1185.67	0.1400	996.16	0.2210	843.31
C.1360	1423.38	0.1870	1192.62	0.1500	1006.48	0.2610	845.76
C.1460	1426.28	0.2070	1202.98	0.1600	1012.63	0.3010	855.48
C.1560	1430.62	0.2270	1206.41	0.1700	1016.70	0.3310	862.70
C.1760	1437.83	0.2470	1204.69	0.2000	1016.70	0.3710	862.70
C.1960	1445.00	0.2670	1206.41	0.2300	1036.83	0.4210	862.70

X--- 18.20		22.20		26.20		32.20	
Y	U	Y	U	Y	U	Y	U
C.2160	1440.70	0.2870	1208.12	0.2600	1046.76	0.4710	860.30
C.2360	1437.83	0.3070	1209.83	0.2900	1046.76	0.5210	857.89
C.2760	1437.83	0.3270	1206.41	0.3200	1046.76	0.6210	848.20
C.3260	1403.78	0.3570	1202.98	0.3500	1046.76	0.7210	820.95
C.3760	1401.42	0.3870	1190.89	0.4000	1036.83	0.8210	800.55
C.4260	1367.07	0.4170	1180.42	0.4500	1030.84	0.9210	779.62
C.4760	1333.39	0.4570	1168.10	0.5000	1016.70	1.0210	760.83
C.5260	1309.93	0.4970	1150.26	0.5500	1006.48	1.2210	710.24
C.5760	1286.04	0.5570	1126.66	0.6000	996.16	1.4210	665.14
C.6260	1253.47	0.5870	1111.88	0.6500	979.42	1.6210	610.02
C.6760	1220.04	0.6270	1095.02	0.7000	964.53	1.8210	556.87
C.7260	1185.67	0.6670	1079.81	0.7500	947.22	2.0210	506.31
C.7760	1141.24	0.7070	1056.59	0.8000	936.25	2.2210	440.83
C.8260	1098.79	0.7570	1036.83	0.8500	920.66	2.4210	380.41
C.8760	1056.59	0.7970	1014.66	0.9000	904.81	2.6210	340.25
C.9260	1026.82	0.8470	989.91	0.9500	874.60	2.8210	272.81
C.9760	996.16	0.8870	970.94	1.0000	862.70	3.0210	222.75
1.0260	953.75	0.9270	955.91	1.0500	843.31	3.2210	181.87
1.0760	920.66	0.9670	927.37	1.1000	825.97	3.4210	90.94
1.1260	881.66	1.0070	909.36	1.1500	813.36	3.6210	0.00
1.1760	838.39	1.0570	886.34	1.2000	792.77		
1.2260	825.97	1.1070	860.30	1.2500	768.94		
1.2760	760.83	1.1570	833.45	1.3000	747.12		
1.3260	738.77	1.1770	820.95	1.3500	733.15		
1.3760	689.56	1.2270	787.53	1.4000	718.92		
1.4260	636.55	1.2770	766.24	1.4500	695.53		
1.4760	616.76	1.3270	735.97	1.5000	674.40		
1.5260	575.13	1.3770	721.79	1.5500	655.75		
1.5760	537.99	1.4270	695.53	1.6000	636.55		
1.6260	506.31	1.4770	649.42	1.6500	610.02		
1.6760	476.87	1.5270	636.55	1.7000	592.83		
1.7260	431.35	1.5770	603.20	1.7500	564.25		
1.7760	396.38	1.6270	575.13	1.8000	537.99		
1.8260	352.20	1.6770	556.87	1.8500	530.25		
1.8760	340.25	1.7270	530.25	1.9000	518.42		
1.9260	287.57	1.7770	498.08	1.9500	489.71		
1.9760	265.12	1.8270	468.12	2.0000	463.69		
2.0260	249.04	1.8770	440.83	2.1000	431.35		
2.0760	203.34	1.9270	416.72	2.2000	406.68		
2.1260	170.13	1.9770	396.38	2.3000	352.20		
2.1760	143.78	2.0270	363.75	2.4000	321.51		
2.2260	90.94	2.0770	346.28	2.5000	272.81		
2.2760	90.94	2.1270	308.38	2.6000	249.04		
2.3260	64.30	2.2270	272.81	2.7000	203.34		
2.3760	0.00	2.3270	203.34	2.8000	170.13		
		2.4270	181.87	2.9000	111.37		
		2.4770	111.37	3.0000	64.30		
		2.5270	0.00	3.1000	0.00		

TABLE A-14

ALPHA= 52.92

YC= 0.6058

REC= 18160.0

X	C.00		1.17		4.17		7.17	
	Y	U	Y	U	Y	U	Y	U
C.0600	3701.13		0.0600	3528.89	0.0600	3421.38	0.0600	3049.31
C.0670	3699.45		0.0760	3539.52	0.0670	3450.79	0.0700	3043.31
C.0770	3705.03		0.0960	3682.64	0.0970	3648.81	0.0900	3056.87
C.0870	3705.03		0.1160	3868.81	0.1170	3749.40	0.1100	3083.80
C.0970	3760.42		0.1260	3989.82	0.1370	3858.11	0.1300	3150.13
C.1070	3895.43		0.1360	4076.95	0.1570	3911.32	0.1500	3215.09
C.1170	3984.63		0.1460	4132.36	0.1670	3921.88	0.1700	3234.32
C.1270	4092.14		0.1660	4216.55	0.1770	3937.66	0.1900	3234.32
C.1370	4167.23		0.1760	4279.81	0.1970	3927.15	0.2100	3234.32
C.1570	4303.90		0.1860	4303.90	0.2170	3900.74	0.2300	3215.09
C.1670	4337.39		0.1960	4346.91	0.2370	3858.11	0.2500	3202.20
C.1870	4417.68		0.2060	4375.36	0.2570	3804.14	0.2700	3150.13
C.1970	4427.03		0.2260	4394.22	0.2770	3738.36	0.2900	3117.14
C.2170	4464.23		0.2360	4398.92	0.2970	3637.46	0.3100	3083.80
C.2370	4487.32		0.2460	4394.22	0.3170	3521.95	0.3300	3043.31
C.2570	4491.93		0.2660	4384.80	0.3370	3974.24	0.3500	2981.55
C.2770	4464.23		0.2860	4346.91	0.3570	3310.14	0.3700	2911.39
C.2970	4445.67		0.3060	4274.98	0.3770	3195.74	0.3900	2875.66
C.3170	4408.31		0.3260	4177.14	0.3970	3083.80	0.4100	2839.49
C.3370	4337.39		0.3460	4066.80	0.4170	2932.61	0.4500	2689.94
C.3570	4255.59		0.3660	3974.24	0.4370	2854.01	0.5000	2506.94
C.3770	4187.03		0.3860	3842.00	0.4570	2743.21	0.5500	2218.43
C.3970	4087.08		0.4060	3710.61	0.4770	2627.73	0.6000	2161.53
C.4170	3948.15		0.4260	3557.00	0.4970	2490.40	0.6500	1981.91
C.4370	3787.80		0.4560	3266.12	0.5170	2362.60	0.7000	1818.73
C.4570	3562.81		0.4860	3016.02	0.5370	2273.41	0.7500	1597.22
C.4770	3450.79		0.5160	2802.85	0.5570	2180.58	0.8000	1416.10
C.4970	3266.12		0.5460	2482.08	0.5770	2053.63	0.8500	1261.69
C.5170	3097.18		0.5760	2208.84	0.5970	1824.40	0.9000	1104.42
C.5370	2932.61		0.6060	1971.45	0.6170	1801.60	0.9500	909.36
C.5570	2712.89		0.6360	1607.54	0.6370	1701.26	1.0000	760.83
C.5590	2712.89		0.6460	1503.89	0.6570	1581.61	1.0500	610.02
			0.6760	1250.17	0.6770	1480.34	1.1000	380.41
			0.6860	1144.86	0.6970	1386.59	1.1500	301.60
			0.6960	1052.67	0.7170	1273.11	1.2000	90.94
			0.7060	973.06	0.7370	1153.85	1.2200	0.00
			0.7160	865.09	0.7570	1075.97		
			0.7260	763.54	0.7770	996.16		
			0.7360	671.33	0.7970	909.36		
			0.7460	571.53	0.8170	813.36		
			0.7560	498.08	0.8370	733.15		
			0.7660	406.68	0.8570	636.55		
			0.7760	321.51	0.8770	556.87		

X=--- 0.00		1.17		4.17		7.17	
Y	U	Y	U	Y	U	Y	U
		0.7860	240.60	0.8970	476.67		
		0.7960	157.51	0.9170	406.68		
		0.8060	0.00	0.9370	308.38		
				0.9570	249.04		
				0.9770	170.13		
				0.9970	0.00		

TABLE A-14

ALPHA= 53.92

YC= 0.6058

REC= 18160.0

X=--- 11.17		15.17		20.17		26.17	
Y	U	Y	U	Y	U	Y	U
C.0600	2340.80	0.0600	1852.80	0.0600	1411.55	0.0600	1068.42
C.0800	2380.03	0.0730	1852.52	0.0770	1437.83	0.0750	1075.97
C.0900	2397.34	0.0930	1905.33	0.0970	1481.73	0.0950	1113.74
C.1000	2423.08	0.1130	1932.27	0.1170	1506.64	0.1150	1159.22
C.1100	2431.59	0.1230	1945.06	0.1470	1524.37	0.1350	1168.10
C.1300	2473.74	0.1430	1968.31	0.1770	1548.59	0.1550	1194.35
C.1500	2482.08	0.1630	1979.83	0.2170	1563.21	0.1750	1197.81
C.1700	2498.68	0.1830	1982.96	0.2570	1564.53	0.1950	1206.41
C.1900	2473.74	0.2030	1998.53	0.2870	1571.12	0.2150	1223.42
C.2100	2465.37	0.2330	2002.67	0.3270	1557.91	0.2350	1236.87
C.2300	2465.37	0.2530	1984.00	0.3670	1548.59	0.2550	1236.87
C.2500	2456.97	0.2730	1981.91	0.4070	1539.22	0.2750	1240.21
C.2800	2423.08	0.3030	1978.78	0.4470	1535.18	0.2950	1245.20
C.3100	2405.95	0.3330	1957.77	0.4870	1506.64	0.3150	1245.20
C.3400	2388.70	0.3630	1939.74	0.5270	1487.30	0.3350	1245.20
C.3700	2336.20	0.4030	1909.66	0.5770	1469.12	0.3550	1245.20
C.4000	2291.53	0.4330	1894.45	0.6270	1452.14	0.3750	1240.21
C.4300	2245.96	0.4630	1858.09	0.6670	1430.62	0.3950	1236.87
C.4600	2190.04	0.5030	1835.70	0.7070	1396.99	0.4150	1236.87
C.4900	2132.65	0.5430	1784.30	0.7470	1379.12	0.4350	1236.87
C.5200	2113.17	0.5830	1766.84	0.7870	1364.05	0.4650	1236.87
C.5500	2063.68	0.6230	1713.37	0.8270	1341.12	0.5150	1236.87
C.5800	2020.14	0.6630	1687.84	0.8670	1317.79	0.5650	1236.87
C.6100	1849.16	0.7030	1639.38	0.9070	1119.29	0.6150	1220.04
C.6400	1900.98	0.7430	1590.74	0.9470	1261.69	0.6650	1211.54
C.6700	1840.20	0.7830	1556.58	0.9870	1240.21	0.7150	1202.98
C.7000	1787.77	0.8230	1503.89	1.0270	1220.04	0.7650	1194.35
C.7300	1713.37	0.8630	1459.24	1.0670	1214.95	0.8150	1176.92
C.7600	1651.94	0.9030	1426.28	1.1070	1171.63	0.8650	1168.10

X--- 11.17		15.17		20.17		26.17	
Y	U	Y	U	Y	U	Y	U
C.7900	1601.10	0.9430	1367.07	1.1470	1141.24	0.9150	1159.22
C.8200	1544.58	0.9930	1317.79	1.1870	1104.42	0.9650	1135.80
C.8500	1474.74	1.0330	1264.96	1.2270	1075.97	1.0150	1113.74
C.8800	1427.73	1.0730	1211.54	1.2670	1046.76	1.1150	1081.72
C.9100	1364.05	1.1130	1178.67	1.3070	1016.70	1.2150	1089.34
C.9400	1303.60	1.1530	1126.66	1.3470	985.73	1.3150	1036.83
C.9700	1245.20	1.2130	1050.70	1.3870	960.23	1.4150	989.91
1.0100	1171.63	1.2530	1020.76	1.4270	931.82	1.5150	949.40
1.0400	1113.74	1.3030	953.75	1.4670	909.36	1.6150	904.81
1.0800	1036.83	1.3430	909.36	1.5070	886.34	1.7150	838.39
1.1200	947.22	1.3930	853.06	1.5470	862.70	1.8150	800.55
1.1600	879.31	1.4330	795.37	1.5870	838.39	1.9150	766.24
1.2000	813.36	1.4730	747.12	1.6270	813.36	2.0150	704.39
1.2400	733.15	1.5130	713.14	1.6670	787.53	2.1150	668.24
1.2800	655.75	1.5630	649.42	1.7070	760.83	2.2150	636.55
1.3200	599.77	1.6130	610.02	1.7470	727.49	2.3150	582.28
1.3600	510.38	1.6630	553.14	1.7870	695.53	2.4150	537.99
1.4000	454.68	1.7130	506.31	1.8270	665.14	2.5150	498.08
1.4400	358.02	1.7630	454.68	1.8670	643.02	2.6150	454.68
1.4800	287.57	1.8130	1236.87	1.9070	626.74	2.7150	406.68
1.5200	203.34	1.8630	352.20	1.9470	603.20	2.8150	352.20
1.5600	90.94	1.9130	287.57	1.9870	545.62	2.9150	287.57
1.6000	0.00	1.9630	203.34	2.0270	522.39	3.0150	249.04
		2.0130	181.87	2.0670	498.08	3.1150	222.75
		2.0630	90.94	2.1070	476.87	3.2150	203.34
		2.1130	0.00	2.1470	454.68	3.3150	143.78
				2.1870	421.65	3.4150	90.94
				2.2270	380.41	3.5150	0.00
				2.2670	363.75		
				2.3070	352.20		
				2.3470	334.12		
				2.3870	321.51		
				2.4270	287.57		
				2.4670	249.04		
				2.5070	222.75		
				2.5470	203.34		
				2.5870	181.87		
				2.6270	170.13		
				2.6670	128.60		
				2.7070	90.94		
				2.7270	64.30		
				2.7470	0.00		

TABLE A-14

ALPHA= 53.92

YC= 0.6058

REC= 18160.0

X--- 32.17

Y	U
C.0600	864.40
C.0940	867.48
C.1240	925.14
C.1640	962.38
C.1940	979.42
C.2340	989.91
C.2840	1016.70
C.3440	1016.70
C.3940	1020.76
C.4440	1030.84
C.5440	1016.70
C.6440	1012.63
C.8640	981.52
1.0640	947.22
1.2640	909.36
1.4640	830.96
1.7640	766.24
2.0640	695.53
2.3640	589.34
2.6640	506.31
2.9640	421.65
3.2640	346.28
3.5640	249.04
3.7640	90.94
3.9640	64.30

TABLE A-15

ALPHA= 53.92

YC= 1.2725

REC= 31680.0

X--- 0.00

Y		3.20		6.20		10.20	
Y	U	Y	U	Y	U	Y	U
C.0600	3089.87	0.0600	3008.19	0.0600	2808.37	0.0600	2340.80
C.0700	3097.18	0.0780	3029.70	0.0850	2861.25	0.0800	2405.95
C.0800	3097.18	0.1080	3202.20	0.1050	2911.39	0.1100	2448.54
C.0900	3097.18	0.1280	3310.14	0.1250	2981.55	0.1400	2490.40
C.1100	3117.14	0.1480	3372.01	0.1450	3016.02	0.1700	2531.56
C.1300	3310.14	0.1680	3426.75	0.1650	3029.70	0.1900	2490.40
C.1500	3510.19	0.1880	3450.79	0.1850	3050.10	0.2200	2465.37
C.1600	3580.17	0.2080	3450.79	0.2150	3056.87	0.2500	2448.54
C.1700	3637.46	0.2280	3492.48	0.2550	3050.10	0.2800	2423.08
C.1800	3660.12	0.2480	3462.76	0.2950	2988.48	0.3400	2362.60
C.1900	3693.85	0.2780	3450.79	0.3450	2953.68	0.3900	2318.43
C.2000	3705.03	0.3180	3372.01	0.3950	2854.01	0.4400	2273.41
C.2100	3721.73	0.3580	3297.62	0.4450	2705.26	0.4900	2199.46
C.2300	3749.40	0.3880	3215.09	0.4750	2674.52	0.5400	2151.95
C.2500	3749.40	0.4080	3130.38	0.5050	2596.07	0.5900	2103.37

X=--- 0.00		3.20		6.20		10.20	
Y	U	Y	U	Y	U	Y	U
C.2700	3776.87	0.4280	3070.37	0.5350	2490.40	0.6400	2028.31
C.2900	3749.40	0.4480	3002.28	0.5750	2388.70	0.6900	1934.40
C.3100	3721.73	0.4680	2960.68	0.6150	2291.53	0.7400	1846.93
0.3300	3693.85	0.4880	2890.00	0.6550	2180.58	0.7900	1766.84
C.3400	3693.85	0.5080	2817.56	0.6850	2113.17	0.8400	1682.94
C.3500	3637.46	0.5280	2773.19	0.7150	2053.63	0.8900	1588.14
C.3700	3608.93	0.5480	2712.89	0.7350	1987.12	0.9400	1510.75
C.3900	3580.17	0.5680	2635.59	0.7750	1885.70	0.9900	1430.62
C.4100	3551.18	0.5880	2531.56	0.8150	1792.39	1.0400	1348.81
C.4300	3521.95	0.6080	2490.40	0.8550	1686.62	1.0900	1269.86
C.4500	3492.48	0.6280	2423.08	0.9050	1559.23	1.1400	1194.35
0.4700	3402.53	0.6480	2362.60	0.9550	1449.29	1.1900	1113.74
C.4900	3390.36	0.6680	2300.53	0.9950	1345.74	1.2400	1046.76
C.5100	3365.88	0.6880	2227.48	1.0350	1245.20	1.2900	975.18
C.5300	3278.76	0.7080	2132.65	1.0750	1157.43	1.3400	886.34
0.5500	3247.08	0.7280	2122.93	1.1150	1070.19	1.3900	787.53
C.5700	3215.09	0.7480	2083.62	1.1550	989.91	1.4400	718.92
C.5900	3150.13	0.7680	1992.32	1.1950	909.36	1.4900	643.02
C.6100	3070.37	0.7880	1929.05	1.2450	792.77	1.5400	575.13
0.6300	3016.02	0.8080	1852.52	1.2950	698.50	1.5900	518.42
C.6500	2981.55	0.8280	1793.55	1.3350	610.02	1.6400	445.50
C.6700	2946.68	0.8580	1701.26	1.3850	518.42	1.6900	352.20
C.6900	2861.25	0.8880	1610.11	1.4350	431.35	1.7400	321.51
C.7300	2651.23	0.9180	1508.01	1.4850	352.20	1.7900	203.34
C.7700	2531.56	0.9480	1427.73	1.5450	222.75	1.8400	90.94
C.8100	2380.03	0.9780	1345.74	1.5850	90.94	1.8700	0.00
C.8700	2132.65	1.0080	1253.47	1.6450	0.00		
C.9300	1950.37	1.0380	1168.10				
1.0300	1535.18	1.0680	1091.24				
1.1300	1150.26	1.1080	985.73				
1.2300	813.36	1.1480	886.34				
		1.1880	787.53				
		1.2280	683.54				
		1.2680	603.20				
		1.3080	498.08				
		1.3480	406.68				
		1.3980	294.67				
		1.4480	192.91				
		1.4980	0.00				

A=70

TABLE A-15

ALPHA= 53.92

YC= 1.2725

REC= 31680.0

X---- 14.20

20.20

27.20

34.20

Y	U	Y	U	Y	U	Y	U
C.0600	1900.36	0.0600	1398.26	0.0600	1022.77	0.0600	814.96
C.0700	1902.07	0.0840	1434.95	0.0800	1036.83	0.0920	862.70
C.0900	1905.33	0.1140	1487.30	0.1000	1075.97	0.1220	909.36
C.1500	1950.37	0.1440	1514.85	0.1300	1117.45	0.1520	927.37
C.1800	2023.21	0.1840	1535.18	0.1600	1141.24	0.1920	949.40
C.2100	2033.40	0.2140	1552.59	0.1900	1159.22	0.2420	953.75
C.2500	2033.40	0.2440	1557.91	0.2200	1168.10	0.2820	975.18
C.3000	2053.63	0.2840	1561.88	0.2500	1185.67	0.3220	979.42
C.3500	2033.40	0.3240	1571.12	0.3000	1194.35	0.3620	975.18
C.3800	2028.31	0.3640	1561.88	0.3300	1194.35	0.4120	989.91
C.4100	2023.21	0.4040	1559.23	0.3600	1197.81	0.4620	989.91
C.4400	2002.67	0.4440	1541.90	0.4000	1202.98	0.5120	987.82
C.4700	1981.91	0.4840	1539.22	0.4500	1202.98	0.5620	985.73
C.5000	1960.94	0.5440	1518.94	0.5000	1199.53	0.6320	979.42
C.5300	1939.74	0.5940	1498.38	0.5500	1194.35	0.6420	975.18
C.5600	1918.31	0.6440	1483.13	0.6000	1185.67	0.7120	970.94
C.5900	1896.63	0.6940	1469.12	0.6500	1176.92	0.8120	949.40
C.6200	1874.70	0.7440	1423.38	0.7000	1168.10	1.0120	920.66
C.6500	1852.52	0.7940	1408.78	0.7500	1159.22	1.2120	886.34
C.6800	1824.40	0.8440	1391.06	0.8000	1150.26	1.4120	845.76
0.7100	1795.85	0.8940	1356.45	0.8500	1141.24	1.6120	803.13
C.7400	1766.84	0.9440	1338.03	0.9000	1132.15	1.9120	733.15
C.7700	1737.34	0.9940	1305.18	0.9500	1113.74	2.2120	652.59
C.8000	1713.37	1.0440	1269.86	1.0000	1095.02	2.5120	567.90
0.8300	1685.39	1.0940	1253.47	1.0500	1075.97	2.7120	506.31
0.8600	1658.19	1.1440	1213.24	1.1000	1056.59	2.9120	454.68
C.8900	1626.72	1.1940	1189.15	1.1500	1050.70	3.1120	416.72
C.9200	1594.63	1.2440	1162.78	1.2000	1036.83	3.3120	352.20
C.9500	1555.25	1.2940	1113.74	1.2500	1026.82	3.5120	287.57
0.9800	1514.85	1.3440	1098.79	1.3000	1016.70	3.7120	257.21
1.0100	1487.30	1.3940	1070.19	1.3500	996.16	3.9120	203.34
1.0800	1459.24	1.4440	1032.84	1.4000	975.18	4.1120	111.37
1.1000	1386.59	1.4940	1012.63	1.4500	953.75	4.3120	0.00
1.1400	1364.05	1.5440	973.06	1.5000	931.82		
1.1700	1320.93	1.5940	934.04	1.5500	942.85		
1.2000	1277.97	1.6440	904.81	1.6000	897.93		
1.2300	1150.26	1.6940	867.48	1.6500	874.60		
1.2600	1202.98	1.7440	823.46	1.7000	850.63		
1.2900	1182.17	1.7940	800.55	1.7500	838.39		
1.3200	1159.22	1.8440	766.24	1.8000	825.97		
1.3500	1130.32	1.8940	735.97	1.8500	813.36		
1.3800	1070.19	1.9440	710.24	1.9000	800.55		
1.4100	1046.76	1.9940	683.54	1.9500	787.53		

X--- 14.20		20.20		27.20		34.20	
Y	U	Y	U	Y	U	Y	U
1.4400	1020.76	2.0440	643.02	2.0000	774.30		
1.4700	981.52	2.0940	610.02	2.0500	727.49		
1.5000	942.85	2.1440	564.25	2.1000	680.51		
1.5300	913.90	2.1940	545.62	2.1500	674.40		
1.5600	886.34	2.2440	526.33	2.2000	658.90		
1.6100	825.97	2.2940	485.47	2.2500	649.42		
1.6500	787.53	2.3440	450.11	2.3000	626.74		
1.6800	760.83	2.3940	421.65	2.3500	603.20		
1.7100	733.15	2.4440	380.41	2.4000	582.28		
1.7400	689.56	2.4940	352.20	2.4500	567.90		
1.7700	643.02	2.5440	334.12	2.5000	553.14		
1.8000	616.76	2.5940	287.57	2.5500	537.99		
1.8300	592.83	2.6440	272.81	2.6000	518.42		
1.8600	564.25	2.6940	222.75	2.6500	498.08		
1.8900	537.99	2.7440	192.91	2.7000	476.87		
1.9200	498.08	2.7940	170.13	2.7500	454.68		
1.9500	454.68	2.8440	90.94	2.8000	431.35		
2.0100	406.68	2.9440	0.00	2.9000	396.38		
2.0400	380.41			3.0000	352.20		
2.0700	352.20			3.1000	321.51		
2.1100	265.12			3.2000	287.57		
2.1500	203.34			3.3000	249.04		
2.2100	181.87			3.4000	203.34		
2.2500	143.78			3.5000	181.87		
2.3000	0.00			3.6000	128.60		
				3.7000	64.30		
				3.8000	0.00		

TABLE A-16

ALPHA= 70.08

YC= 0.1016

REC= 3622.0

X--- 0.00		0.77		1.27		2.27	
Y	U	Y	U	Y	U	Y	U
0.0600	5351.82	0.0600	4725.72	0.0600	3136.54	0.0600	2725.86
0.0650	5341.31	0.0730	4725.20	0.0650	3136.98	0.0670	2728.09
0.0650	5341.31	0.0730	4725.20	0.0650	3136.98	0.0670	2728.09
0.0700	5341.31	0.0780	4725.20	0.0700	3143.56	0.0770	2728.09
0.0750	5302.46	0.0830	4846.15	0.0750	3143.56	0.0870	2743.21
0.0850	5302.46	0.0880	5079.43	0.0800	3234.32	0.0970	2728.09
0.1000	5302.46	0.0930	5144.14	0.0820	3310.14	0.1070	2705.26

X----- 0.00		0.77		1.27		2.27	
Y	U	Y	U	Y	U	Y	U
C.1100	5184.17	0.0980	5111.89	0.0840	3384.25	0.1170	2682.24
C.1150	4811.90	0.1030	5063.13	0.0900	3693.85	0.1270	2659.02
C.1400	4066.80	0.1080	5013.89	0.0950	3911.32	0.1370	2635.59
C.1800	1423.38	0.1130	4972.48	0.1000	4005.33	0.1470	2580.10
C.2000	0.00	0.1180	4947.48	0.1050	4102.23	0.1570	2523.38
		0.1230	4939.11	0.1100	4177.14	0.1670	2482.08
		0.1280	4939.11	0.1150	4177.14	0.1770	2414.53
		0.1330	4897.08	0.1200	4206.73	0.1870	2331.77
		0.1430	4725.20	0.1250	4187.03	0.1970	2300.53
		0.1530	4323.07	0.1300	4187.03	0.2070	2208.84
		0.1580	3916.61	0.1350	4142.35	0.2170	2151.95
		0.1630	3521.95	0.1400	4137.36	0.2270	2113.17
		0.1680	3097.18	0.1450	4117.32	0.2470	1979.83
		0.1730	2596.07	0.1550	3953.38	0.2570	1896.63
		0.1780	2132.65	0.1650	3793.26	0.2670	1818.73
		0.1830	1760.98	0.1700	3637.46	0.2770	1713.37
		0.1860	1528.44	0.1750	3462.76	0.2870	1636.86
		0.1880	1351.87	0.1850	3328.82	0.2970	1575.07
		0.1910	1135.80	0.1950	3002.28	0.3070	1494.24
		0.1930	1016.70	0.2050	2689.94	0.3170	1408.78
		0.1980	671.33	0.2150	2506.94	0.3270	1344.20
		0.2030	406.68	0.2350	1907.50	0.3370	1180.42
		0.2080	203.34	0.2450	1607.54	0.3470	1175.16
		0.2130	0.00	0.2550	1236.87	0.3570	989.91
				0.2650	1046.76	0.3670	1026.82
				0.2750	782.26	0.3770	931.82
				0.2850	575.13	0.3870	752.63
				0.2950	406.68	0.3970	774.30
				0.3050	143.78	0.4070	701.45
				0.3150	0.00	0.4170	643.02
						0.4270	582.28
						0.4370	485.47
						0.4470	363.75
						0.4570	231.84
						0.4670	143.78
						0.4770	0.00

TABLE A-16

ALPHA= 70.08

YC= 0.1016

REC= 3622.0

X----- 3.27		4.27		5.27		6.27	
Y	U	Y	U	Y	U	Y	U
C.0600	2136.85	0.0600	1822.31	0.0600	1617.14	0.0600	1429.09
C.0710	2142.32	0.0650	1821.00	0.0730	1626.72	0.0650	1426.28
C.0910	2151.95	0.0750	1823.27	0.0830	1626.72	0.0750	1426.28
C.1010	2151.95	0.1000	1874.70	0.0930	1660.68	0.0950	1437.83
C.1110	2151.95	0.1050	1876.91	0.1030	1660.68	0.1150	1459.24
C.1210	2142.32	0.1150	1874.70	0.1130	1676.78	0.1350	1473.34
C.1310	2142.32	0.1350	1880.21	0.1230	1679.25	0.1550	1487.30
C.1510	2113.17	0.1550	1863.64	0.1330	1679.25	0.1750	1480.34
C.1610	2113.17	0.1750	1852.52	0.1530	1680.48	0.1950	1473.34
C.1710	2103.37	0.1950	1827.80	0.1730	1673.08	0.2150	1466.31
C.2010	2006.79	0.2250	1763.32	0.1930	1664.41	0.2350	1463.48
C.2110	1979.83	0.2450	1734.96	0.2130	1645.67	0.2550	1450.71
C.2210	1949.31	0.2850	1658.19	0.2330	1633.06	0.2750	1427.73
C.2310	1927.98	0.3050	1624.18	0.2530	1612.68	0.2950	1408.78
C.2510	1869.18	0.3350	1548.59	0.2730	1581.61	0.3150	1394.03
C.2610	1839.08	0.3650	1480.34	0.2930	1551.26	0.3350	1379.12
C.2810	1765.67	0.4050	1364.05	0.3130	1521.66	0.3550	1348.81
C.3010	1695.18	0.4250	1325.61	0.3330	1484.52	0.3750	1325.61
C.3210	1616.52	0.4550	1269.86	0.3530	1466.31	0.3950	1309.93
C.3310	1588.14	0.4950	1150.26	0.3730	1437.83	0.4150	1266.60
C.3410	1544.58	0.5250	1075.97	0.3940	1379.12	0.4350	1236.87
C.3610	1480.34	0.5550	996.16	0.4130	1364.05	0.4550	1220.04
C.3710	1423.38	0.5750	953.75	0.4330	1333.39	0.4750	1202.98
C.3910	1356.45	0.5950	909.36	0.4530	1309.93	0.4950	1176.92
C.4010	1298.83	0.6150	843.31	0.4730	1266.60	0.5150	1150.26
C.4210	1225.11	0.6350	813.36	0.4930	1220.04	0.5350	1122.98
C.4410	1155.64	0.6550	766.24	0.5130	1194.35	0.5550	1085.54
C.4510	1128.49	0.6750	713.14	0.5330	1159.22	0.5750	1066.32
C.4610	1072.12	0.6950	671.33	0.5530	1132.15	0.5950	1026.82
C.4810	979.42	0.7150	610.02	0.5750	1075.97	0.6150	996.16
C.5010	909.36	0.7350	567.90	0.5930	1056.59	0.6350	970.94
C.5210	843.31	0.7650	502.21	0.6130	1016.70	0.6550	942.85
C.5410	755.37	0.7850	463.69	0.6330	979.42	0.6750	909.36
C.5610	698.50	0.8150	396.38	0.6530	936.25	0.6950	886.34
C.5810	603.20	0.8550	301.60	0.6730	909.36	0.7150	867.48
C.6010	526.33	0.8850	192.91	0.6930	862.70	0.7350	838.39
C.6210	454.68	0.9250	0.00	0.7130	820.95	0.7550	813.36
C.6410	358.02			0.7330	787.53	0.7750	774.30
C.6610	301.60			0.7530	818.43	0.7950	738.77
C.6810	170.13			0.7730	718.92	0.8150	704.39
C.7010	0.00			0.7930	674.40	0.8350	658.90
				0.8130	636.55	0.8550	643.02

X--- 3.27		4.27		5.27		6.27	
Y	U	Y	U	Y	U	Y	U
				0.8330	603.20	0.8750	626.74
				0.8530	575.12	0.8950	575.13
				0.8730	537.99	0.9150	556.87
				0.8930	498.08	0.9350	537.99
				0.9130	454.68	0.9550	498.08
				0.9330	406.68	0.9750	454.68
				0.9530	363.75	0.9950	406.68
				0.9730	340.25	1.0150	380.41
				0.9930	280.28	1.0350	363.75
				1.0130	249.04	1.0550	352.20
				1.0330	203.34	1.0750	340.25
				1.0530	181.87	1.0950	301.60
				1.0730	90.94	1.1150	249.04
				1.0930	0.00	1.1350	203.34
						1.1550	143.78
						1.1750	90.94
						1.1950	0.00

TABLE A-16

ALPHA= 70.08

YC= 0.1016

REC= 3622.0

X--- 8.27		9.27		11.27	
Y	U	Y	U	Y	U
C.0600	1106.59	0.0600	1018.70	0.0600	852.3
C.0800	1110.02	0.0800	1018.73	0.0830	862.70
C.1000	1150.26	0.1000	1052.67	0.1030	881.66
C.1200	1171.63	0.1200	1072.12	0.1230	909.36
C.1400	1190.89	0.1400	1075.97	0.1430	929.60
C.1600	1194.35	0.1700	1083.63	0.1630	931.82
C.1800	1194.35	0.2000	1095.02	0.1930	936.25
C.2000	1202.98	0.2200	1095.02	0.2130	936.25
C.2200	1194.35	0.2500	1093.13	0.2330	936.25
C.2400	1185.67	0.2800	1083.63	0.2630	936.25
C.2600	1171.63	0.3100	1064.38	0.3030	936.25
C.2800	1162.78	0.3400	1060.49	0.3530	936.25
C.3000	1150.26	0.3800	1044.78	0.4030	909.36
C.3200	1146.66	0.4100	1012.63	0.4530	893.31
C.3400	1132.15	0.4500	989.91	0.5030	862.70
C.3600	1113.74	0.4900	968.80	0.5430	848.20
C.3800	1095.02	0.5200	947.22	0.5930	813.36
C.4000	1075.97	0.5500	927.37	0.6530	800.55

X----- 8.27		9.27		11.27	
Y	U	Y	U	Y	U
C.4200	1056.59	0.5900	888.67	0.7030	760.83
C.4400	1056.59	0.6300	876.96	0.7530	747.12
C.4600	1036.83	0.6600	838.39	0.8030	707.32
C.4800	1016.70	0.7600	763.54	0.8530	674.40
C.5000	996.16	0.8100	733.15	0.9030	649.42
C.5200	975.18	0.8600	689.56	0.9530	639.79
C.5400	953.75	0.9100	658.90	1.0530	571.53
C.5600	931.82	0.9600	610.02	1.1530	498.08
C.5800	909.36	1.0100	575.13	1.2530	406.66
C.6000	897.93	1.0600	537.99	1.3530	363.75
C.6200	886.34	1.1100	476.87	1.4530	301.60
C.6400	862.70	1.1600	454.68	1.5530	249.04
C.6600	850.63	1.2100	406.68	1.6530	170.13
C.6800	838.39	1.2600	380.41	1.7530	0.00
C.7000	818.43	1.3100	308.38		
C.7200	787.53	1.3600	280.28		
C.7400	760.83	1.4100	213.26		
C.7600	747.12	1.4600	192.91		
C.7800	733.15	1.5600	0.00		
C.8000	718.92				
C.8200	689.56				
C.8400	674.40				
C.8600	658.90				
C.8800	643.02				
C.9000	610.02				
C.9200	606.62				
C.9500	575.13				
C.9900	537.99				
1.0300	498.08				
1.0700	463.69				
1.1100	406.68				
1.1500	396.38				
1.2000	352.20				
1.2500	287.57				
1.3100	203.34				
1.3600	157.51				
1.4600	0.00				

TABLE A-17

ALPHA= 70.02

YC= 0.1956

REC= 6805.0

X----	0.00		1.27		2.27		3.27	
	Y	U	Y	U	Y	U	Y	U
C.0600	5222.27		0.0600	4663.83	0.0600	3773.32	0.0600	3202.03
C.0670	5212.01		0.0660	4654.67	0.0670	3776.87	0.0690	3202.20
C.0720	5212.01		0.0860	4768.75	0.0720	3776.87	0.0790	3202.20
C.0770	5212.01		0.0960	4871.68	0.0820	3782.34	0.0890	3202.20
C.0820	5200.10		0.1060	4922.34	0.0920	3782.34	0.0990	3202.20
C.0870	5212.01		0.1160	4909.72	0.1020	3765.91	0.1090	3202.20
C.0920	5212.01		0.1260	4897.08	0.1120	3732.83	0.1190	3176.27
C.0970	5212.01		0.1360	4829.06	0.1220	3693.85	0.1290	3136.98
C.1070	5212.01		0.1460	4760.07	0.1320	3665.76	0.1490	3083.80
C.1170	5212.01		0.1560	4681.24	0.1420	3626.07	0.1690	3016.02
C.1270	5212.01		0.1660	4551.37	0.1520	3568.60	0.1890	2953.66
C.1440	5212.01		0.1760	4394.22	0.1620	3521.95	0.2090	2861.25
			0.1860	4216.55	0.1720	3486.56	0.2190	2802.85
			0.1960	4015.64	0.1820	3414.66	0.2490	2651.23
			0.2010	3858.11	0.1920	3341.22	0.2790	2523.38
			0.2060	3793.26	0.2020	3266.12	0.3090	2336.20
			0.2160	3510.19	0.2120	3182.77	0.3390	2208.84
			0.2260	3278.76	0.2220	3097.18	0.3790	1992.32
			0.2360	3043.31	0.2320	3050.10	0.3990	1874.70
			0.2460	2839.49	0.2420	2960.68	0.4290	1689.07
			0.2560	2651.23	0.2520	2904.28	0.4490	1588.14
			0.2660	2388.70	0.2620	2839.49	0.4690	1494.24
			0.2860	1807.33	0.2720	2780.63	0.4890	1394.03
			0.2960	1561.88	0.2820	2705.26	0.5190	1185.67
			0.3010	1408.78	0.2920	2627.73	0.5490	1095.02
			0.3060	1286.04	0.3020	2547.84	0.5790	953.75
			0.3110	1185.67	0.3120	2465.37	0.6090	787.53
			0.3160	1070.19	0.3220	2380.03	0.6390	643.02
			0.3210	979.42	0.3320	2264.30	0.6690	476.87
			0.3260	897.93	0.3420	2208.84	0.6990	363.75
			0.3360	704.39	0.3620	2012.96	0.7290	213.26
			0.3460	610.02	0.3720	1907.50	0.7590	0.00
			0.3560	468.12	0.3920	1725.40		
			0.3660	352.20	0.4120	1535.18		
			0.3760	222.75	0.4320	1348.81		
			0.3860	0.00	0.4620	1111.88		
					0.4920	909.36		
					0.5320	592.83		
					0.5620	321.51		
					0.6020	0.00		

TABLE A-17

ALPHA= 70.02

YC= 0.1956

REC= 6803.0

X--- 5.27		7.27		8.27		9.27	
Y	U	Y	U	Y	U	Y	U
C.0600	2436.36	0.0600	1975.34	0.0600	1799.39	0.0600	1648.91
C.0700	2448.54	0.0700	1992.32	0.0650	1795.85	0.0700	1645.67
C.0800	2448.54	0.0800	2002.67	0.0750	1799.30	0.0900	1664.41
C.0900	2448.54	0.0900	2012.96	0.0950	1818.73	0.1100	1707.33
C.1000	2465.37	0.1000	2023.21	0.1150	1860.31	0.1300	1725.40
C.1100	2465.37	0.1100	2033.40	0.1350	1869.18	0.1500	1726.60
C.1200	2490.40	0.1200	2033.40	0.1550	1869.18	0.1700	1731.38
C.1300	2465.37	0.1300	2033.40	0.1750	1875.80	0.2000	1727.79
C.1400	2465.37	0.1400	2028.31	0.1950	1872.50	0.2300	1707.33
C.1500	2465.37	0.1500	2023.21	0.2150	1846.93	0.2700	1685.39
C.1600	2465.37	0.1600	2021.16	0.2450	1830.06	0.3000	1664.41
C.1700	2448.54	0.1700	2018.09	0.2750	1807.33	0.3300	1626.72
C.1800	2423.08	0.1800	2012.96	0.3050	1760.98	0.3700	1601.10
C.1900	2388.70	0.2000	1992.32	0.3350	1731.38	0.4000	1573.75
C.2000	2371.33	0.2200	1971.45	0.3650	1695.18	0.4400	1508.01
C.2100	2345.03	0.2400	1950.37	0.3950	1651.94	0.4900	1466.31
C.2200	2318.43	0.2600	1918.31	0.4350	1581.61	0.5300	1401.42
C.2300	2300.53	0.2800	1885.70	0.4650	1548.59	0.5800	1348.81
C.2400	2282.49	0.3000	1841.32	0.5050	1487.30	0.6300	1277.97
C.2500	2264.30	0.3200	1807.33	0.5350	1437.83	0.6700	1236.87
C.2600	2245.96	0.3400	1784.30	0.5650	1391.06	0.7100	1180.42
C.2700	2227.48	0.3600	1749.20	0.5950	1345.74	0.7600	1095.02
C.2800	2208.84	0.3800	1719.40	0.6350	1269.86	0.8100	1040.81
C.2900	2171.08	0.4000	1676.78	0.6650	1238.54	0.8600	979.42
C.3000	2132.65	0.4200	1626.72	0.6950	1182.17	0.9100	913.90
C.3100	2113.17	0.4400	1601.10	0.7350	1124.82	0.9600	838.39
C.3200	2073.67	0.4600	1575.07	0.7650	1075.97	1.0100	787.53
C.3300	2073.67	0.4800	1535.18	0.7950	1030.84	1.1100	652.59
C.3400	2033.40	0.5000	1501.14	0.8350	958.07	1.2100	537.99
C.3500	2018.09	0.5200	1452.14	0.8650	909.36	1.3100	406.68
C.3600	1987.12	0.5400	1408.78	0.9050	838.39	1.4100	287.57
C.3700	1960.94	0.5600	1386.59	0.9550	787.53	1.5100	170.13
C.4000	1880.21	0.5800	1356.45	1.0050	689.56	1.6100	0.00
C.4200	1818.73	0.6000	1302.01	1.0550	610.02		
C.4400	1772.68	0.6200	1269.86	1.1550	476.87		
C.4600	1701.26	0.6400	1150.26	1.2550	321.51		
C.4800	1633.06	0.6600	1202.98	1.3550	170.13		
C.5000	1555.25	0.6800	1168.10	1.4550	0.00		
C.5200	1501.14	0.7000	1122.98				
C.5400	1568.49	0.7200	1066.32				
C.5600	1416.10	0.7400	1036.83				
C.5800	1348.81	0.7600	1006.48				

A=78

X----	5.27		7.27		8.27		9.27	
	Y	U	Y	U	Y	U	Y	U
C.6000		1286.04	0.7800	964.53				
C.6200		1220.04	0.8000	909.36				
C.6400		1141.24	0.8200	884.00				
C.6600		1075.97	0.8400	850.63				
C.6800		1036.83	0.8600	825.97				
C.7000		1006.48	0.8800	774.30				
C.7200		942.85	0.9000	718.92				
C.7400		886.34	0.9200	704.39				
C.7600		825.97	0.9400	674.40				
C.7800		787.53	0.9600	643.02				
C.8000		733.15	0.9800	610.02				
C.8200		658.90	1.0000	575.13				
C.8400		610.02	1.0200	537.99				
C.8600		575.13	1.0400	498.08				
C.8800		537.99	1.0600	454.68				
C.9000		498.08	1.0800	431.35				
C.9200		454.68	1.1000	406.68				
C.9400		406.68	1.1200	380.41				
C.9600		352.20	1.1400	340.25				
C.9800		287.57	1.1600	287.57				
1.0000		249.04	1.1800	272.81				
1.0200		203.34	1.2000	249.04				
1.0400		143.78	1.2200	203.34				
1.0600		0.00	1.2400	181.87				
			1.2600	170.13				
			1.2800	143.78				
			1.3000	90.94				
			1.3200	0.00				

TABLE A-17

ALPHA= 70.08

YC= 0.1956

REC= 6803.0

X----	11.27		14.27		17.27		21.27	
	Y	U	Y	U	Y	U	Y	U
C.0600		1414.49	0.0600	1161.50	0.0600	977.10	0.0600	814.96
C.0770		1414.64	0.0730	1162.78	0.0880	996.16	0.0800	818.43
C.0870		1433.51	0.0830	1162.78	0.1080	1030.84	0.1000	835.92
C.0970		1440.70	0.0930	1162.78	0.1280	1056.59	0.1300	879.31
C.1070		1469.12	0.1130	1214.95	0.1480	1072.12	0.1600	886.34
C.1270		1490.08	0.1330	1231.84	0.1680	1075.97	0.2000	909.36
C.1470		1508.01	0.1530	1253.47	0.1880	1075.97	0.2500	909.36

11.27		14.27		17.27		21.27	
Y	U	Y	U	Y	U	Y	U
C.1670	1508.01	0.1830	1255.12	0.2080	1095.02	0.3000	931.82
C.1770	1508.01	0.1930	1260.05	0.2280	1104.42	0.3600	920.66
C.1870	1508.01	0.2030	1263.33	0.2480	1095.02	0.4100	909.36
C.1970	1508.01	0.2130	1263.33	0.2680	1095.02	0.4600	909.36
C.2070	1508.01	0.2230	1263.33	0.3080	1095.02	0.5100	904.81
C.2170	1505.27	0.2430	1269.86	0.3580	1083.63	0.5600	886.34
C.2370	1503.89	0.2630	1261.69	0.4080	1074.05	0.6100	881.66
C.2570	1503.89	0.2830	1261.69	0.4580	1060.49	0.6600	860.30
C.2870	1490.08	0.3030	1261.69	0.4880	1054.63	0.7100	838.39
C.3170	1473.34	0.3230	1260.05	0.5180	1032.84	0.7600	825.97
C.3470	1454.98	0.3430	1251.82	0.5680	1004.43	0.8100	813.36
C.3770	1434.95	0.3630	1241.87	0.5980	996.16	0.8600	800.55
C.4170	1395.51	0.3830	1235.20	0.6380	979.42	0.9100	787.53
C.4470	1379.12	0.4030	1220.04	0.6780	975.18	0.9600	774.30
C.4770	1364.05	0.4230	1218.34	0.7280	964.53	1.0100	766.24
C.5070	1341.12	0.4530	1189.15	0.7680	931.82	1.1100	707.32
C.5470	1294.05	0.4830	1171.63	0.8380	902.52	1.2100	680.51
C.5770	1271.49	0.5130	1168.10	0.8780	879.31	1.3100	643.02
C.6170	1233.52	0.5430	1157.43	0.9180	862.70	1.4100	610.02
C.6570	1182.17	0.5730	1137.61	0.9680	838.39	1.5100	567.90
C.6970	1150.26	0.6130	1113.74	1.0180	813.56	1.6100	537.99
C.7370	1117.45	0.6430	1095.02	1.0680	787.53	1.7100	498.08
C.7770	1060.49	0.6830	1075.97	1.1180	760.83	1.8100	459.21
C.8170	1036.83	0.7230	1042.80	1.1680	733.15	1.9100	416.72
C.8470	996.16	0.7730	1016.70	1.2180	704.39	2.0100	391.13
C.8770	975.18	0.8030	994.08	1.2680	674.40	2.1100	346.28
C.9070	931.82	0.8430	975.18	1.3180	649.42	2.4100	249.04
C.9370	909.36	0.8830	953.75	1.3680	643.02	2.6100	203.34
C.9770	879.31	0.9230	909.36	1.4180	610.02	2.8100	143.78
1.0170	848.20	0.9730	862.70	1.4680	575.13	3.0100	90.94
1.0670	800.55	1.0230	833.45	1.5180	537.99	3.1100	0.00
1.1170	733.15	1.0530	818.43	1.5680	518.42		
1.1670	698.50	1.0830	787.53	1.6180	498.08		
1.2170	649.42	1.1230	766.24	1.7180	454.68		
1.2670	610.02	1.1530	755.37	1.8180	406.68		
1.3170	553.14	1.1930	733.15	1.9180	352.20		
1.3670	498.08	1.2330	674.40	2.0180	301.60		
1.4170	454.68	1.2630	665.14	2.1180	257.21		
1.4670	406.68	1.3030	643.02	2.2180	203.34		
1.5170	352.20	1.3430	610.02	2.3180	192.91		
1.5670	301.60	1.3930	575.13	2.5180	90.94		
1.6170	272.81	1.4430	545.62	2.6180	0.00		
1.6670	203.34	1.4830	510.38				
1.7170	192.91	1.5230	485.47				
1.8170	0.00	1.5830	440.83				
		1.6330	406.68				
		1.6930	363.75				

A-80

X---	11.27		14.27		17.27		21.27	
	Y	U	Y	U	Y	U	Y	U
			1.7630	346.28				
			1.8130	294.67				
			1.8830	265.12				
			1.9830	170.13				
			2.0830	64.30				
			2.1130	0.00				

TABLE A-17

ALPHA= 70.08

YC= 0.1956

REC= 6803.0

X----	25.27	
	Y	U
	0.0600	675.73
	0.1010	704.39
	0.1410	733.15
	0.1910	760.83
	0.2410	787.53
	0.3010	787.53
	0.3610	787.53
	0.4610	787.53
	0.5610	782.26
	0.6610	760.83
	0.7110	758.11
	0.8110	733.15
	0.8710	710.24
	0.9210	704.39
	1.1210	674.40
	1.3210	616.76
	1.5210	564.25
	1.7210	498.08
	1.9210	454.68
	2.1210	401.56
	2.3210	352.20
	2.5210	287.57
	2.7210	222.75
	2.9210	203.34
	3.1210	157.51
	3.3210	111.37
	3.5210	64.30
	3.6210	0.00

TABLE A-18

ALPHA= 70.08

YC= 0.3048

REC= 10460.0

X----	0.00		1.00		2.00		3.00	
	Y	U	Y	U	Y	U	Y	U
C.0600	5154.27		0.0600	5060.80	0.0600	4677.16	0.0600	4273.69
C.0700	5144.14		0.0710	5050.86	0.0690	4667.97	0.0750	4265.30
C.0850	5144.14		0.0810	5050.86	0.0790	4667.97	0.0850	4265.30
C.0950	5144.14		0.0910	5083.50	0.0890	4694.47	0.1050	4303.90
C.1650	5144.14		0.1010	5111.89	0.0990	4768.75	0.1250	4299.09
C.2350	5144.14		0.1110	5111.89	0.1090	4799.00	0.1350	4289.46
C.2550	5144.14		0.1210	5115.93	0.1190	4820.49	0.1550	4191.96
C.2750	5144.14		0.1310	5132.07	0.1290	4799.00	0.1750	4066.80
C.2950	5136.10		0.1410	5128.04	0.1390	4768.75	0.1950	3953.38
C.3150	5124.01		0.1510	5103.79	0.1490	4725.20	0.2150	3787.80
C.3350	5103.79		0.1610	5103.79	0.1590	4650.22	0.2350	3577.03
C.3550	5103.79		0.1710	5095.69	0.1690	4592.06	0.2550	3521.95
C.3750	5083.50		0.1810	5063.13	0.1790	4514.88	0.2750	3553.57
C.3950	5071.29		0.1910	5022.13	0.1890	4417.68	0.2950	3215.09
C.4150	5063.13		0.2010	4980.79	0.1990	4289.46	0.3150	3002.28
C.4350	5054.95		0.2110	4939.11	0.2090	4206.73	0.3350	2897.15
C.4550	5054.95		0.2210	4854.68	0.2190	4137.36	0.3550	2728.09
C.4750	5054.95		0.2310	4777.41	0.2290	4051.52	0.3750	2572.07
C.7950	0.00		0.2410	4681.24	0.2390	3948.15	0.3950	2423.08
			0.2510	4551.37	0.2490	3825.82	0.4050	2327.33
			0.2610	4408.31	0.2590	3727.28	0.4150	2227.48
			0.2710	4274.98	0.2690	3620.37	0.4350	2132.65
			0.2810	4117.32	0.2790	3504.30	0.4550	1971.45
			0.2910	3884.81	0.2990	3259.79	0.4650	1896.63
			0.3010	3682.64	0.3190	3056.87	0.4750	1821.00
			0.3110	3521.95	0.3390	2854.01	0.4850	1737.34
			0.3210	3341.22	0.3590	2651.23	0.4950	1666.89
			0.3310	3123.77	0.3790	2423.08	0.5050	1575.07
			0.3410	2897.15	0.3990	2199.46	0.5150	1480.34
			0.3510	2705.26	0.4190	1999.57	0.5250	1423.38
			0.3610	2490.40	0.4390	1807.33	0.5350	1348.81
			0.3710	2291.53	0.4490	1701.26	0.5450	1269.86
			0.3910	1818.73	0.4590	1595.93	0.5550	1202.98
			0.4010	1588.14	0.4690	1497.00	0.5650	1137.61
			0.4110	1374.61	0.4890	1305.18	0.5750	1056.59
			0.4210	1269.86	0.5090	1079.81	0.5850	989.91
			0.4310	1046.76	0.5190	1006.48	0.5950	920.66
			0.4410	838.39	0.5290	909.36	0.6050	843.31
			0.4510	652.59	0.5490	733.15	0.6250	704.39
			0.4610	476.87	0.5590	643.02	0.6450	575.13
			0.4710	287.57	0.5790	489.71	0.6650	445.50
			0.4810	0.00	0.5890	340.25	0.6850	249.04
					0.5990	192.91	0.7050	0.00
					0.6090	0.00		

TABLE A-18

ALPHA= 70.08

YC= 0.3048

REC= 10460.0

X----	5.00		7.00		10.00		13.00	
	Y	U	Y	U	Y	U	Y	U
C.0600	3347.79		0.0600	2718.23	0.0600	2097.63	0.0600	1661.45
C.0720	3341.22		0.1200	2720.50	0.0700	2093.51	0.0650	1658.19
C.0920	3353.57		0.2000	2750.73	0.0800	2073.67	0.0750	1660.68
C.1120	3390.36		0.2200	2780.63	0.0900	2103.37	0.0850	1695.18
C.1220	3384.25		0.2400	2788.06	0.1000	2103.37	0.0950	1713.37
C.1420	3353.57		0.2600	2780.63	0.1100	2103.37	0.1050	1731.38
C.1520	3341.22		0.2800	2735.66	0.1200	2113.17	0.1150	1743.28
C.1720	3278.76		0.3000	2705.26	0.1300	2132.65	0.1250	1749.20
C.1920	3202.20		0.3200	2651.23	0.1400	2151.95	0.1350	1760.98
C.2120	3130.38		0.3400	2596.07	0.1500	2171.08	0.1450	1772.68
C.2320	3063.63		0.3600	2564.02	0.1600	2171.08	0.1550	1778.50
C.2520	2974.61		0.3800	2506.94	0.1700	2151.95	0.1650	1784.30
C.2720	2918.48		0.4000	2456.97	0.1800	2151.95	0.1750	1784.30
C.2920	2824.89		0.4200	2380.03	0.1900	2132.65	0.1850	1784.30
C.3120	2728.09		0.4400	2318.43	0.2000	2132.65	0.1950	1772.68
C.3320	2643.42		0.4600	2273.41	0.2100	2122.93	0.2050	1760.98
C.3520	2555.94		0.4800	2227.48	0.2300	2103.37	0.2150	1760.98
C.3720	2456.97		0.5000	2161.53	0.2500	2093.51	0.2250	1749.20
C.3920	2362.60		0.5200	2113.17	0.2700	2073.67	0.2350	1737.34
C.4120	2264.30		0.5500	2030.35	0.2900	2043.54	0.2550	1727.79
C.4320	2151.95		0.5700	1966.20	0.3100	2018.09	0.2750	1715.78
C.4520	2113.17		0.5900	1896.63	0.3300	1976.69	0.2950	1710.96
C.4720	1997.50		0.6100	1826.67	0.3500	1945.06	0.3150	1689.07
C.4820	1960.94		0.6300	1760.98	0.3700	1918.31	0.3450	1645.67
C.4920	1905.33		0.6500	1701.26	0.3900	1885.70	0.3750	1624.18
C.5120	1801.60		0.6700	1639.38	0.4100	1852.52	0.4050	1607.54
C.5320	1709.75		0.6900	1575.07	0.4300	1807.33	0.4350	1555.25
C.5520	1622.90		0.7100	1514.85	0.4500	1772.68	0.4750	1508.01
C.5720	1535.18		0.7300	1437.83	0.4700	1755.10	0.5150	1466.31
C.5920	1437.83		0.7500	1394.03	0.4900	1719.40	0.5550	1408.78
C.6120	1333.39		0.7700	1317.79	0.5100	1658.19	0.5950	1364.05
C.6320	1241.87		0.7900	1269.86	0.5300	1607.54	0.6350	1309.93
C.6520	1161.00		0.8100	1194.35	0.5500	1575.07	0.6750	1269.86
C.6720	1052.67		0.8300	1126.66	0.5700	1548.59	0.7150	1220.04
C.6920	970.94		0.8500	1075.97	0.5900	1508.01	0.7550	1150.26
C.7120	862.70		0.8700	1006.48	0.6100	1480.34	0.7950	1113.74
C.7320	779.62		0.8900	936.25	0.6300	1437.83	0.8350	1056.59
C.7520	704.39		0.9100	886.34	0.6500	1416.10	0.8750	996.16

X--- 5.00		7.00		10.00		13.00	
Y	U	Y	U	Y	U	Y	U
0.7720	610.02	0.9300	805.70	0.6700	1394.03	0.9050	953.75
0.7920	537.99	0.9500	755.37	0.6900	1348.81	0.9450	886.34
0.8120	421.65	0.9700	704.39	0.7100	1286.04	0.9850	845.76
0.8320	301.60	1.0000	596.31	0.7300	1253.47	1.0350	779.62
0.8520	203.34	1.0300	498.08	0.7500	1194.35	1.0650	733.15
0.8720	0.00	1.0600	374.94	0.7700	1162.78	1.0950	689.56
		1.0900	280.28	0.7900	1126.66	1.1350	626.74
		1.1200	0.00	0.8100	1085.54	1.1650	575.13
				0.8300	1036.83	1.1950	537.99
				0.8500	996.16	1.2250	522.39
				0.8700	964.53	1.2650	445.50
				0.8900	931.82	1.3050	358.02
				0.9100	886.34	1.3350	321.51
				0.9300	850.63	1.3650	249.04
				0.9500	800.55	1.4050	170.13
				0.9700	760.83	1.4550	0.00
				0.9900	718.92		
				1.0100	674.40		
				1.0600	575.13		
				1.1100	498.08		
				1.1600	352.20		
				1.2100	265.12		

TABLE A-18

ALPHA= 70.08

YC= 0.3048

REC= 10460.0

X--- 16.00		20.00		24.00		28.00	
Y	U	Y	U	Y	U	Y	U
0.0600	1320.39	0.0600	1022.77	0.0600	817.50	0.0600	666.45
0.0780	1333.39	0.0750	1020.76	0.0720	815.90	0.1010	704.39
0.0980	1327.17	0.0950	1056.59	0.0920	815.90	0.1410	733.15
0.1180	1374.61	0.1150	1093.13	0.1220	886.34	0.1710	760.83
0.1380	1408.78	0.1350	1122.98	0.1520	909.36	0.2310	787.53
0.1480	1419.02	0.1550	1133.97	0.2020	942.85	0.2810	792.77
0.1580	1430.62	0.1850	1157.43	0.2420	953.75	0.3310	813.36
0.1680	1437.83	0.2150	1153.85	0.3020	996.16	0.3710	790.15
0.1880	1452.14	0.2450	1161.00	0.3720	953.75	0.4210	787.53
0.1980	1452.14	0.2850	1171.63	0.4220	942.85	0.4810	787.53
0.2080	1452.14	0.3250	1164.55	0.4720	931.82	0.5810	760.83
0.2180	1454.98	0.3650	1141.24	0.5220	922.90	0.7810	733.15

X----- 16.00		20.00		24.00		28.00	
Y	U	Y	U	Y	U	Y	U
C.2380	1456.40	0.3950	1135.80	0.5720	918.41	0.8810	649.42
C.2580	1456.40	0.4550	1113.74	0.6220	907.09	0.9810	643.02
C.2780	1456.40	0.5050	1095.02	0.6720	879.31	1.0810	585.82
C.2980	1437.83	0.5450	1075.97	0.7720	838.59	1.1810	567.90
C.3280	1424.83	0.6050	1024.80	0.8720	792.77	1.2810	530.25
C.3580	1416.10	0.6550	1016.70	0.9720	766.24	1.4810	454.68
C.3880	1404.37	0.7050	996.16	1.0720	710.24	1.5810	363.75
C.4180	1395.51	0.7550	953.75	1.1720	643.02	1.6810	340.25
C.4480	1361.01	0.8050	931.82	1.2720	616.76	1.7810	272.81
C.4880	1328.73	0.8550	897.93	1.3720	537.99	1.8810	203.34
C.5180	1305.18	0.9050	862.70	1.4720	498.08	1.9810	0.00
C.5480	1286.04	0.9550	838.39	1.5720	454.68		
C.5880	1253.47	1.0050	813.36	1.6720	391.13		
C.6280	1209.83	1.0550	766.24	1.7720	287.57		
C.6680	1178.67	1.1050	724.64	1.8720	222.75		
C.7080	1150.26	1.1550	710.24	1.9720	192.91		
C.7480	1113.74	1.2050	649.42	2.0720	0.00		
C.7880	1075.97	1.2550	643.02				
C.8380	1028.83	1.3550	575.13				
C.8780	985.73	1.4550	498.08				
C.9080	966.67	1.5550	426.53				
C.9380	931.82	1.6550	352.20				
C.9780	897.93	1.7550	203.34				
1.0080	860.30	1.8550	0.00				
1.0580	813.36						
1.1080	774.30						
1.1580	710.24						
1.2080	655.75						
1.2580	610.02						
1.3080	571.53						
1.3580	514.41						
1.3980	454.68						
1.4580	358.02						
1.5080	321.51						
1.5580	231.84						
1.6080	203.34						
1.7080	0.00						

TABLE A-18

ALPHA= 70.08

YC= 0.3048

REC= 10460.0

X---- 32.00

Y	U
C.0600	507.31
O.1500	616.76
C.2500	674.40
C.3150	680.51
C.4150	698.50
C.5150	689.56
C.6150	680.51
C.9150	610.02
1.2150	537.99
1.6150	406.68
2.0150	272.81
2.3150	0.00

TABLE A-19

ALPHA= 70.08

YC= 0.6350

REC= 19590.0

X--- 0.00

1.00

2.00

3.00

Y	U	Y	U	Y	U	Y	U
C.0600	4321.98	O.0600	4125.43	O.0600	4023.55	O.0600	3929.60
C.0700	4313.49	O.0700	4117.32	O.0700	4015.64	O.0700	3921.88
C.0800	4313.49	O.0800	4117.32	O.0800	4056.62	O.0800	3989.82
C.0900	4313.49	O.0900	4240.99	O.0900	4182.09	O.0850	4066.80
C.1000	4313.49	O.1000	4313.49	O.0950	4226.34	O.0900	4117.32
C.1100	4313.49	O.1100	4384.80	O.1000	4255.59	O.0950	4157.30
C.1200	4313.49	O.1200	4478.10	O.1050	4265.30	O.1000	4167.23
C.1300	4431.69	O.1300	4501.12	O.1100	4337.39	O.1050	4216.55
C.1400	4524.03	O.1400	4537.72	O.1200	4384.80	O.1100	4265.30
C.1500	4537.72	O.1500	4583.05	O.1300	4454.96	O.1150	4289.46
O.1600	4592.06	O.1600	4592.06	O.1400	4501.12	O.1200	4337.39
C.1700	4614.52	O.1650	4592.06	O.1500	4524.03	O.1250	4361.16
C.1800	4614.52	O.1700	4583.05	O.1600	4546.82	O.1300	4361.16
O.1900	4614.52	O.1750	4592.06	O.1700	4569.50	O.1400	4431.69
O.2000	4623.47	O.1800	4592.06	O.1800	4569.50	O.1500	4454.96
O.2100	4614.52	O.1850	4592.06	O.1900	4569.50	O.1600	4478.10
C.2200	4614.52	O.1900	4592.06	O.2000	4569.50	O.1700	4501.12
C.2300	4614.52	O.2000	4592.06	O.2100	4569.50	O.1800	4524.03
O.2500	4614.52	O.2100	4569.50	O.2200	4569.50	O.1900	4524.03

X----- 0.00		1.00		2.00		3.00	
Y	U	Y	U	Y	U	Y	U
C.2700	4614.52	0.2200	4569.50	0.2300	4546.82	C.2000	4524.03
C.2900	4569.50	0.2300	4546.82	0.2400	4546.82	C.2100	4524.03
C.3100	4546.82	0.2500	4546.82	0.2500	4546.82	C.2200	4524.03
C.3300	4524.03	0.3100	4478.10	0.2600	4524.03	C.2300	4501.12
C.3500	4501.12	0.3600	4422.35	0.2700	4501.12	0.2400	4478.10
C.3700	4478.10	0.4100	4361.16	0.2800	4491.93	C.2500	4431.69
C.3900	4454.96	0.4600	4167.23	0.2900	4464.23	0.2600	4431.69
C.4100	4431.69	0.5100	3884.81	0.3000	4454.96	0.2700	4418.80
C.4300	4408.31	0.5600	3278.76	0.3100	4445.67	C.2800	4337.39
C.4500	4384.80	0.6100	2651.23	0.3300	4431.69	0.2900	4313.49
C.4700	4361.16	0.6600	1841.32	0.3600	4313.49	C.3000	4289.46
C.4900	4323.07	0.6800	1480.34	0.3800	4216.55	0.3100	4240.99
C.5100	4289.46	0.6900	1333.39	0.3900	4157.30	0.3200	4191.96
C.5300	4240.99	0.7000	1194.35	0.4000	4117.32	0.3300	4157.30
C.5500	4157.30	0.7100	1056.59	0.4100	4066.80	0.3400	4107.27
C.5700	4015.64	0.7200	909.36	0.4200	3989.82	0.3500	4036.18
C.5900	3858.11	0.7300	760.83	0.4300	3937.66	C.3600	3911.32
C.6100	3693.85	0.7400	610.02	0.4500	3749.40	0.3800	3804.14
C.6300	3665.76	0.7500	498.08	0.4800	3432.77	C.4000	3693.85
C.6500	3637.46	0.7600	352.20	0.5000	3278.76	0.4200	3580.17
C.6700	3608.93	0.7700	287.57	0.5200	3070.37	0.4400	3462.76
C.6900	3533.67	0.7800	192.91	0.5400	2911.39	0.4600	3215.09
C.7100	3521.55	0.7900	0.00	0.5600	2651.23	0.4800	3050.10
				0.5800	2448.54	0.5000	2911.39
				0.6000	2227.48	0.5200	2765.72
				0.6200	2083.62	C.5400	2611.95
				0.6400	1902.07	0.5600	2405.95
				0.6600	1713.37	0.5800	2227.48
				0.6800	1437.83	C.6000	2113.17
				0.6900	1348.81	0.6200	1974.60
				0.7000	1289.25	0.6400	1835.70
				0.7100	1220.04	0.6600	1670.61
				0.7200	1113.74	0.6800	1487.30
				0.7300	1016.70	0.7000	1356.45
				0.7400	931.82	0.7200	1236.87
				0.7500	838.39	0.7400	1085.54
				0.7600	768.94	0.7600	953.75
				0.7700	671.33	0.7800	800.55
				0.7800	567.90	0.8000	689.56
				0.7900	498.08	0.8200	567.90
				0.8000	421.65	0.8400	431.35
				0.8100	352.20	0.8600	352.20
				0.8200	287.57	0.8800	181.87
				0.8300	203.34	0.9000	0.00
				0.8400	143.78		

TABLE A-19

ALPHA= 70.08

YC= 0.6350

REC= 19590.0

X--- 5.00		7.00		10.00		13.00	
Y	U	Y	U	Y	U	Y	U
C.0600	3644.62	0.0600	3156.33	0.0600	2495.30	0.0600	2035.36
C.0700	3749.40	0.0650	3150.13	0.0700	2490.40	0.0710	2031.37
C.0750	3804.14	0.0750	3247.08	0.0800	2506.94	0.0910	2043.54
C.0810	3815.00	0.0850	3247.08	0.0900	2531.56	0.1110	2103.37
C.0900	3842.00	0.0950	3291.35	0.1000	2588.10	0.1310	2122.93
C.1000	3884.81	0.1050	3310.14	0.1100	2611.95	0.1410	2142.32
C.1100	3937.66	0.1150	3322.60	0.1200	2611.95	0.1610	2142.32
C.1200	3963.83	0.1250	3341.22	0.1300	2635.59	0.1710	2144.25
C.1300	3989.82	0.1350	3372.01	0.1400	2635.59	0.1910	2151.95
C.1400	4015.64	0.1450	3341.22	0.1500	2635.59	0.2110	2161.53
C.1500	4041.30	0.1550	3341.22	0.1600	2635.59	0.2410	2151.95
C.1600	4041.30	0.1650	3341.22	0.1700	2635.59	0.2610	2142.32
0.1700	4041.30	0.1750	3341.22	0.1800	2635.59	0.2910	2132.65
C.1800	4041.30	0.1850	3341.22	0.1900	2635.59	0.3110	2132.65
C.1900	4041.30	0.1950	3341.22	0.2000	2635.59	0.3310	2122.93
C.2000	4041.30	0.2050	3341.22	0.2100	2635.59	0.3510	2122.93
C.2100	4015.64	0.2150	3341.22	0.2200	2635.59	0.3810	2113.17
C.2200	3989.82	0.2250	3341.22	0.2300	2635.59	0.4110	2103.37
C.2300	3963.83	0.2350	3310.14	0.2400	2635.59	0.4410	2083.62
C.2400	3911.32	0.2450	3310.14	0.2500	2635.59	0.4710	2063.68
0.2500	3884.81	0.2550	3278.76	0.2600	2635.59	0.4910	2031.37
C.2600	3831.22	0.2650	3259.79	0.2700	2635.59	0.5110	2012.96
C.2700	3804.14	0.2750	3227.92	0.2800	2635.59	0.5310	1982.96
C.2800	3749.40	0.2850	3202.20	0.2900	2627.73	0.5510	1967.26
C.2900	3721.73	0.2950	3182.77	0.3000	2611.95	0.5710	1960.94
C.3000	3693.85	0.3050	3169.76	0.3100	2611.95	0.5910	1929.05
C.3100	3637.46	0.3150	3150.13	0.3200	2572.07	0.6110	1907.50
0.3200	3608.93	0.3250	3117.14	0.3300	2547.84	0.6410	1865.86
C.3300	3551.18	0.3350	3097.18	0.3400	2531.56	0.6710	1835.70
0.3400	3521.95	0.3450	3050.10	0.3500	2531.56	0.7010	1807.33
C.3500	3462.76	0.3550	3029.70	0.3600	2523.38	0.7310	1772.68
0.3600	3402.53	0.3650	2995.39	0.3800	2490.40	0.7510	1743.28
C.3700	3341.22	0.3750	2974.61	0.4000	2448.54	0.7710	1725.40
C.3800	3278.76	0.3850	2946.68	0.4200	2423.08	0.8010	1679.25
C.3900	3215.09	0.3950	2932.61	0.4400	2405.95	0.8310	1626.72
0.4000	3163.23	0.4050	2890.00	0.4600	2388.70	0.8510	1607.54
C.4100	3130.38	0.4150	2802.85	0.4800	2318.43	0.8710	1588.14
0.4200	3070.37	0.4250	2839.49	0.5000	2300.53	0.9010	1555.25
C.4300	3016.02	0.4350	2802.85	0.5200	2245.96	0.9310	1503.89
0.4500	2946.68	0.4550	2743.21	0.5400	2208.84	0.9610	1462.07
C.4700	2780.63	0.4750	2651.23	0.5600	2180.58	0.9910	1423.38
0.4900	2689.94	0.4950	2572.07	0.5800	2142.32	1.0210	1382.11

X----- 5.00		7.00		10.00		13.00	
Y	U	Y	U	Y	U	Y	U
C.5100	2572.07	0.5150	2506.94	0.6000	2113.17	1.0510	1344.20
C.5300	2490.40	0.5350	2448.54	0.6200	2103.37	1.0810	1313.08
C.5500	2362.60	0.5550	2362.60	0.6500	2053.63	1.1110	1253.47
C.5700	2227.48	0.5750	2273.41	0.6700	2023.21	1.1410	1220.04
C.5900	2113.17	0.5950	2180.58	0.6900	1957.77	1.1710	1176.92
C.6100	2053.63	0.6150	2151.95	0.7100	1918.31	1.2010	1150.26
C.6300	1945.06	0.6350	2073.67	0.7400	1863.64	1.2310	1098.79
C.6500	1841.32	0.6550	2043.54	0.7700	1807.33	1.2610	1056.59
C.6700	1713.37	0.6750	1955.66	0.8000	1731.38	1.2910	1014.66
C.6900	1633.06	0.6950	1912.91	0.8300	1676.78	1.3210	975.18
0.7100	1528.44	0.7150	1835.70	0.8600	1627.99	1.3510	947.22
C.7300	1437.83	0.7350	1760.98	0.8900	1551.26	1.3710	909.36
0.7500	1325.61	0.7550	1682.94	0.9300	1466.31	1.3910	886.34
C.7700	1202.98	0.7750	1658.19	0.9700	1389.57	1.4110	850.63
0.7900	1122.98	0.7950	1521.66	1.0100	1282.82	1.4310	825.97
C.8100	1046.76	0.8150	1452.14	1.0500	1220.04	1.4610	800.55
C.8300	942.85	0.8350	1379.12	1.0900	1126.66	1.4910	747.12
0.8500	850.63	0.8550	1317.79	1.1200	1064.38	1.5210	718.92
C.8700	752.63	0.8750	1164.55	1.1600	996.16	1.5510	680.51
C.8900	674.40	0.8950	1159.22	1.2000	909.36	1.5810	643.02
0.9100	582.28	0.9150	1104.42	1.2400	808.26	1.6110	610.02
C.9300	518.42	0.9350	1056.59	1.2800	738.77	1.6410	556.87
C.9500	380.41	0.9550	985.73	1.3300	626.74	1.6710	502.21
C.9700	352.20	0.9750	909.36	1.4000	575.13	1.7010	489.71
0.9900	265.12	0.9950	838.39	1.4100	454.68	1.7310	445.50
1.0100	143.78	1.0150	774.30	1.4500	385.81	1.7610	401.56
1.0300	0.00	1.0350	674.40	1.4900	287.57	1.7910	340.25
		1.0550	649.42	1.5300	203.34	1.8210	287.57
		1.0750	575.13	1.5900	0.00	1.8510	272.81
		1.0950	498.08			1.8910	203.34
		1.1150	431.35			1.9310	128.60
		1.1350	380.41			1.9710	0.00
		1.1550	249.04				
		1.1750	192.91				
		1.1950	0.00				

TABLE A-19

ALPHA= 70.00

YC= 0.6350

REC= 19590.0

X--- 16.00		20.00		24.00		28.00	
Y	U	Y	U	Y	U	Y	U
C.0600	1719.16	0.0600	1359.12	0.0600	1130.71	0.0600	977.10
C.0850	1721.80	0.0720	1364.05	0.0700	1159.22	0.0830	996.16
C.1150	1784.30	0.0820	1364.05	0.0800	1171.63	0.1030	1036.83
C.1350	1793.55	0.0920	1374.61	0.0900	1185.67	0.1230	1056.59
C.1650	1816.45	0.1020	1386.59	0.1000	1202.98	0.1430	1075.97
C.1950	1819.86	0.1120	1419.02	0.1100	1220.04	0.1630	1074.05
C.2250	1835.70	0.1220	1437.83	0.1200	1228.48	0.1930	1091.24
C.2450	1835.70	0.1320	1437.83	0.1300	1236.87	0.2230	1122.98
C.2650	1846.93	0.1420	1452.14	0.1400	1240.21	0.2530	1113.74
C.2950	1846.93	0.1520	1466.31	0.1500	1240.21	0.2830	1113.74
C.3250	1830.06	0.1620	1473.34	0.1600	1261.69	0.3330	1117.45
C.3550	1825.54	0.1720	1480.34	0.1700	1261.69	0.3830	1122.98
C.3850	1813.04	0.1820	1480.34	0.1800	1261.69	0.4330	1122.98
C.4150	1795.85	0.1920	1480.34	0.1900	1261.69	0.4830	1113.74
C.4450	1772.68	0.2020	1494.24	0.2000	1261.69	0.5330	1113.74
C.4750	1763.32	0.2120	1494.24	0.2100	1261.69	0.5830	1098.79
C.5050	1751.56	0.2220	1494.24	0.2200	1261.69	0.6330	1098.79
C.5350	1725.40	0.2320	1494.24	0.2300	1261.69	0.6830	1095.02
C.5550	1719.40	0.2420	1494.24	0.2400	1261.69	0.7330	1091.24
C.5750	1703.69	0.2520	1494.24	0.2500	1269.86	0.7830	1072.12
C.6050	1689.07	0.2620	1501.14	0.2800	1277.97	0.8830	1056.59
C.6450	1664.41	0.2720	1501.14	0.3000	1277.97	0.9830	1036.83
C.6750	1633.06	0.2820	1501.14	0.3200	1286.04	1.0830	1012.63
C.7050	1622.90	0.3020	1505.27	0.3400	1289.25	1.1830	985.73
C.7350	1581.61	0.3220	1501.14	0.3800	1286.04	1.2830	942.85
C.7650	1568.49	0.3420	1501.14	0.4300	1286.04	1.3830	920.66
C.7950	1537.87	0.4020	1501.14	0.4800	1286.04	1.4830	904.81
0.8350	1508.01	0.4520	1501.14	0.5300	1286.04	1.5830	862.70
0.8750	1477.54	0.5020	1473.34	0.5800	1277.97	1.6830	813.36
C.9050	1452.14	0.5520	1452.14	0.6300	1269.86	1.7830	795.37
C.9350	1426.28	0.6120	1437.83	0.6800	1261.69	1.8830	782.26
C.9650	1407.31	0.6520	1401.42	0.7300	1245.20	1.9830	733.15
C.9950	1367.07	0.7020	1386.59	0.7800	1211.54	2.0830	704.39
1.0350	1333.39	0.7520	1379.12	0.8400	1202.98	2.1830	668.24
1.0750	1302.01	0.8020	1348.81	0.8800	1194.35	2.2830	643.02
1.1150	1253.47	0.8520	1333.39	0.9300	1253.47	2.3830	603.20
1.1550	1233.52	0.9020	1317.79	0.9800	1168.10	2.4830	575.13
1.2050	1185.67	0.9520	1269.86	1.0300	1141.24	2.5830	545.62
1.2450	1150.26	1.0020	1159.22	1.0800	1128.49	2.6830	518.42
1.2850	1113.74	1.0520	1220.04	1.1300	1095.02	2.7830	454.68
1.3250	1075.97	1.1020	1202.98	1.1800	1085.54	2.8830	445.50
1.3750	1016.70	1.1520	1176.92	1.2300	1056.59	2.9830	406.68

X---- 16.00		20.00		24.00		28.00	
Y	U	Y	U	Y	U	Y	U
1.4350	953.75	1.2120	1132.15	1.2800	1036.63	3.0850	896.38
1.4950	913.90	1.2520	1095.02	1.3300	1016.70	3.2830	801.60
1.5450	879.31	1.3020	1075.97	1.3800	996.16	3.4830	722.75
1.6250	787.53	1.3520	1036.83	1.4300	975.18	3.6830	603.34
1.6750	755.37	1.4020	1016.70	1.4800	953.75	3.8830	543.78
1.7350	704.39	1.4520	964.53	1.5300	931.82	4.0830	0.00
1.7950	643.02	1.5020	931.82	1.5800	909.36		
1.8450	575.13	1.5520	909.36	1.6300	886.34		
1.8950	537.99	1.6020	886.34	1.6800	862.70		
1.9450	498.08	1.6520	862.70	1.7300	843.31		
1.9950	459.21	1.7020	838.39	1.7800	813.36		
2.0450	406.68	1.7520	787.53	1.8800	787.53		
2.0950	358.02	1.8020	760.83	1.9800	733.15		
2.1450	334.12	1.8520	733.15	2.0800	698.50		
2.2150	203.34	1.9020	704.39	2.1800	658.90		
2.2650	192.91	1.9520	674.40	2.2800	610.02		
2.3450		2.0020	643.02	2.3800	575.13		
		2.0520	610.02	2.4800	537.99		
		2.1020	575.13	2.5800	498.08		
		2.1520	545.62	2.6800	454.68		
		2.2020	498.08	2.7800	406.68		
		2.2520	454.68	2.8800	352.20		
		2.3020	431.35	2.9800	287.57		
		2.3520	380.41	3.0800	249.04		
		2.4020	363.75	3.1800	203.34		
		2.4520	352.20	3.2800	203.34		
		2.5020	340.25	3.3800	181.87		
		2.5520	308.38	3.4800	170.13		
		2.6020	287.57	3.5800	143.78		
		2.6520	272.81	3.6800	111.37		
		2.7020	249.04	3.7800	0.00		
		2.8020	143.78				
		2.9020	0.00				

TABLE A-19

ALPHA= 70.08

YC= 0.6350

REC= 19590.0

X---- 32.00

Y	U
0.0600	869.19
0.0800	867.48

X----- 32.00

Y	U
C.1100	886.34
C.1400	909.36
C.1700	931.82
C.2000	945.04
C.2300	953.75
C.2600	953.75
C.2900	975.18
C.3300	970.94
C.3600	992.00
C.4000	975.18
C.4400	970.94
C.4800	970.94
C.5300	970.94
C.5700	970.94
C.6200	970.94
C.7000	970.94
C.7500	958.07
C.8000	953.75
C.9000	942.85
1.0000	927.37
1.1000	909.36
1.2000	886.34
1.3000	867.48
1.4000	850.63
1.5000	838.39
1.6000	813.36
1.7000	774.30
1.9000	733.15
2.1000	674.40
2.3000	616.76
2.5000	592.83
2.7000	537.99
2.9000	493.91
3.1000	416.72
3.3000	380.41
3.5000	352.20
3.9000	287.57
4.2000	203.34
4.5000	170.13
4.8000	90.94
5.0000	0.00

A=92

TABLE A-20

ALPHA= 70.08

YC= 1.2700

REC= 33400.0

X----	0.00		1.50		2.50		4.50	
	Y	U	Y	U	Y	U	Y	U
C.0600	3723.49		0.0600	3587.22	0.0600	3499.35	0.0600	3278.89
C.0650	3716.17		0.0700	3608.93	0.0800	3492.48	0.0770	3297.62
C.0750	3716.17		0.0800	3721.73	0.1000	3608.93	0.0970	3378.14
C.0850	3804.14		0.0850	3749.40	0.1200	3693.85	0.1170	3486.56
C.0900	3831.22		0.0900	3760.42	0.1400	3765.91	0.1370	3551.18
C.0950	3884.81		0.1000	3804.14	0.1600	3804.14	0.1570	3580.17
C.1000	3895.43		0.1100	3815.00	0.1800	3858.11	0.1770	3626.07
C.1050	3911.32		0.1200	3858.11	0.2000	3851.22	0.1970	3631.77
C.1150	3963.83		0.1300	3884.81	0.2200	3831.22	0.2170	3648.81
C.1250	3953.38		0.1400	3884.81	0.2400	3831.22	0.2370	3626.07
C.1350	3937.66		0.1500	3884.81	0.2700	3760.42	0.2570	3580.17
C.1450	3911.32		0.1600	3884.81	0.3000	3721.73	0.2870	3462.76
C.1550	3911.32		0.1700	3884.81	0.3100	3637.46	0.3170	3450.79
C.1650	3911.32		0.1800	3884.81	0.3600	3608.93	0.3470	3372.01
C.1750	3911.32		0.1900	3884.81	0.3900	3521.95	0.3770	3266.12
C.1850	3911.32		0.2000	3884.81	0.4200	3444.80	0.4070	3176.27
C.1950	3911.32		0.2100	3884.81	0.4500	3372.01	0.4370	3083.80
C.2050	3911.32		0.2200	3884.81	0.4800	3278.76	0.4670	2981.55
C.2150	3911.32		0.2300	3868.81	0.5000	3247.08	0.4970	2911.39
C.2250	3911.32		0.2400	3858.11	0.5300	3182.77	0.5270	2817.56
C.2350	3900.74		0.2500	3831.22	0.5600	3016.02	0.5770	2635.59
C.2450	3884.81		0.2600	3804.14	0.5900	2946.68	0.6070	2547.84
C.2550	3868.81		0.2700	3804.14	0.6200	2817.56	0.6370	2456.97
C.2650	3868.81		0.2800	3804.14	0.6500	2743.21	0.6670	2318.43
C.2750	3868.81		0.2900	3776.87	0.6900	2611.95	0.6970	2245.96
C.2850	3858.11		0.3000	3760.42	0.7200	2448.54	0.7270	2132.65
C.2950	3831.22		0.3100	3749.40	0.7500	2318.43	0.7570	2063.68
C.3150	3804.14		0.3200	3721.73	0.7800	2199.46	0.7770	1976.69
C.3350	3804.14		0.3300	3693.85	0.8100	2113.17	0.8070	1869.18
C.3550	3760.42		0.3400	3665.76	0.8400	2012.96	0.8370	1787.77
C.3750	3749.40		0.3500	3637.46	0.8600	1929.05	0.8770	1670.61
C.3950	3721.73		0.3600	3608.93	0.8800	1835.70	0.9070	1571.12
C.4150	3693.85		0.3800	3580.17	0.8900	1801.60	0.9470	1452.14
C.4350	3665.76		0.4000	3551.18	0.9000	1778.50	0.9770	1348.81
C.4550	3637.46		0.4200	3521.95	0.9100	1733.76	1.0070	1269.86
C.4750	3608.93		0.4400	3492.48	0.9300	1651.94	1.0370	1194.35
C.4950	3580.17		0.4600	3432.77	0.9500	1575.07	1.0670	1095.02
C.5150	3551.18		0.4800	3372.01	0.9700	1490.08	1.1070	994.08
C.5350	3521.95		0.5000	3328.82	0.9900	1423.38	1.1370	900.22
C.5550	3492.48		0.5200	3266.12	1.0100	1356.45	1.1670	813.36
C.5750	3474.68		0.5400	3202.20	1.0300	1287.64	1.1970	755.37
C.5950	3432.77		0.5600	3136.98	1.0500	1228.48	1.2270	674.40

X---- 0.00		1.50		2.50		4.50	
Y	U	Y	U	Y	U	Y	U
C.6450	3372.01	0.5800	3083.80	1.0700	1143.05	1.2570	510.02
C.6950	3247.08	0.6000	3016.02	1.0900	1070.19	1.2870	518.42
C.7550	3097.18	0.6200	2981.55	1.1100	996.16	1.3170	454.68
0.8050	2981.55	0.6400	2875.66	1.1300	942.85	1.3470	369.39
C.8450	2875.66	0.6600	2824.89	1.1600	843.31	1.3770	287.57
0.8950	2651.23	0.6800	2765.72	1.2000	704.39	1.4070	231.84
C.9450	2405.95	0.7100	2674.52	1.2300	613.40	1.4370	90.94
C.9950	2132.65	0.7400	2506.94	1.2600	518.42	1.4470	0.00
1.0450	1923.69	0.7800	2362.60	1.3000	406.68		
1.0950	1633.06	0.8100	2227.48	1.3400	287.57		
1.1450	1371.60	0.8600	2043.54	1.3800	0.00		
1.1950	1075.97	0.8800	1976.69				
1.2450	874.60	0.9000	1880.21				
1.5950	0.00	0.9300	1731.38				
		0.9600	1620.35				
		0.9900	1498.38				
		1.0200	1364.05				
		1.0500	1220.04				
		1.0900	1085.54				
		1.1300	909.36				
		1.1700	760.83				
		1.2100	610.02				
		1.2500	454.68				
		1.2900	340.25				
		1.3400					

TABLE A-20

ALPHA= 70.08

YC= 1.2700

REC= 33460.0

X---- 6.50		9.50		12.50		15.50	
Y	U	Y	U	Y	U	Y	U
0.0600	3042.49	0.0600	2640.78	0.0600	2136.85	0.0600	1770.31
C.0870	3056.87	0.0760	2635.59	0.0700	2132.65	0.0630	1772.68
C.1070	3130.38	0.0960	2666.78	0.0800	2151.95	0.0680	1807.33
0.1270	3215.09	0.1160	2705.26	0.0900	2180.58	0.0730	1818.73
0.1470	3266.12	0.1360	2712.89	0.1000	2208.84	0.0830	1830.06
0.1670	3291.35	0.1660	2735.66	0.1100	2227.48	0.0930	1841.32
C.1970	3291.35	0.1960	2743.21	0.1200	2227.48	0.1030	1852.52
0.2170	3278.76	0.2260	2743.21	0.1300	2255.15	0.1130	1874.70
0.2370	3278.76	0.2560	2712.89	0.1400	2273.41	0.1330	1896.63

X--- 6.50		9.50		12.50		15.50	
Y	U	Y	U	Y	U	Y	U
C.2570	3266.12	0.2860	2666.78	0.1500	2273.41	0.1530	1907.50
C.2870	3202.20	0.3160	2651.23	0.1600	2273.41	0.1730	1918.31
C.3170	3136.98	0.3460	2635.59	0.1700	2273.41	0.1930	1918.31
C.3470	3083.80	0.3860	2531.56	0.1800	2273.41	0.2130	1929.05
C.3770	3029.70	0.4160	2515.18	0.1900	2273.41	0.2330	1929.05
C.4070	2960.68	0.4460	2465.37	0.2000	2273.41	0.2530	1929.05
C.4370	2897.15	0.4860	2388.70	0.2100	2273.41	0.2730	1929.05
C.4670	2817.56	0.5260	2318.43	0.2200	2273.41	0.3230	1929.05
C.4970	2712.89	0.5760	2236.74	0.2300	2273.41	0.3730	1874.70
C.5270	2635.59	0.6160	2161.53	0.2400	2273.41	0.3930	1869.18
C.5570	2555.94	0.6560	2113.17	0.2500	2273.41	0.4130	1869.18
C.5870	2473.74	0.6960	2028.31	0.2600	2273.41	0.4330	1858.09
C.6170	2388.70	0.7360	1960.94	0.2700	2273.41	0.4530	1852.52
C.6470	2300.53	0.7760	1874.70	0.2900	2273.41	0.4730	1846.93
C.6870	2151.95	0.8160	1807.33	0.3100	2255.15	0.4930	1841.32
C.7170	2103.37	0.8560	1734.96	0.3300	2227.48	0.5130	1835.70
C.7470	2010.91	0.8960	1639.38	0.3500	2199.46	0.5330	1824.40
C.7770	1918.31	0.9360	1572.44	0.3700	2161.53	0.5530	1818.73
C.8070	1826.67	0.9860	1535.18	0.4200	2151.95	0.5730	1807.33
C.8370	1757.45	1.0260	1401.42	0.4700	2113.17	0.5930	1795.85
C.8670	1689.07	1.0560	1345.74	0.5200	2073.67	0.6130	1784.30
C.8970	1601.10	1.0860	1269.86	0.5700	2023.21	0.6330	1760.98
C.9270	1521.66	1.1160	1233.52	0.6200	1966.20	0.6530	1749.20
C.9470	1473.34	1.1460	1164.55	0.6700	1912.91	0.6730	1731.38
C.9770	1386.59	1.1860	1104.42	0.7200	1835.70	0.6930	1707.33
1.0070	1309.93	1.2160	1046.76	0.7700	1790.09	0.7130	1682.94
1.0370	1240.21	1.2460	992.00	0.8200	1725.40	0.7330	1670.61
1.0670	1176.92	1.2860	909.36	0.8700	1629.26	0.7530	1664.41
1.0970	1095.02	1.3260	843.31	0.9200	1581.61	0.7730	1651.94
1.1270	1030.84	1.3660	787.53	0.9700	1521.66	0.7930	1620.35
1.1570	975.18	1.4060	713.14	1.0200	1437.83	0.8130	1607.54
1.1970	862.70	1.4460	643.02	1.0700	1371.60	0.8330	1601.10
1.2270	813.36	1.4860	578.72	1.1200	1317.79	0.8530	1561.88
1.2570	747.12	1.5160	537.99	1.1700	1245.20	0.8730	1548.59
1.2970	658.90	1.5560	468.12	1.2200	1176.92	0.8930	1521.66
1.3270	603.20	1.5960	406.68	1.2700	1113.74	0.9130	1501.14
1.3670	518.42	1.6360	352.20	1.3200	1046.76	0.9330	1480.34
1.3970	454.68	1.6760	203.34	1.3700	964.53	0.9530	1466.31
1.4270	396.38	1.7260	181.87	1.4200	909.36	0.9730	1445.00
1.4670	287.57	1.7760	0.00	1.4700	825.97	0.9930	1423.38
1.4970	222.75			1.5200	747.12	1.0130	1408.78
1.5270	181.87			1.5700	704.39	1.0330	1394.03
1.5570	90.94			1.6200	649.42	1.0530	1379.12
1.5770	0.00			1.6700	592.83	1.0730	1364.05
				1.7200	518.42	1.0930	1341.12
				1.7700	454.68	1.1130	1309.93

A-95

X----- 6.50

Y

U

9.50

Y

U

12.50

Y

U

15.50

Y

U

1.8200	380.41	1.1330	1294.05
1.8700	321.51	1.1530	1269.86
1.9200	203.34	1.1730	1253.47
1.9700	192.91	1.1930	1236.87
2.0200	90.94	1.2130	1220.04
2.0700	0.00	1.2330	1202.98
		1.2530	1185.67
		1.2730	1159.22
		1.2930	1132.15
		1.3130	1113.74
		1.3330	1095.02
		1.3530	1075.97
		1.3730	1056.59
		1.3930	1036.83
		1.4130	1016.70
		1.4330	996.16
		1.4530	975.18
		1.4730	953.75
		1.4930	931.82
		1.5130	909.36
		1.5330	897.93
		1.5530	862.70
		1.5830	850.63
		1.5930	825.97
		1.6130	800.55
		1.6330	787.53
		1.6530	774.30
		1.6730	760.83
		1.6930	747.12
		1.7130	733.15
		1.7330	718.92
		1.7730	658.90
		1.8230	610.02
		1.8730	575.13
		1.9230	537.99
		1.9730	476.87
		2.0230	416.72
		2.0730	352.20
		2.1230	321.51
		2.1730	249.04
		2.2230	222.75
		2.2730	143.78
		2.3230	90.94
		2.3730	0.00

TABLE A-20

ALPHA= 70.00

YC= 1.2700

REC= 33460.0

X= 19.50		23.50		27.50		31.50	
Y	U	Y	U	Y	U	Y	U
C.0600	1440.66	0.0600	1222.44	0.0600	1018.70	0.0600	906.59
C.0700	1480.34	0.0800	1228.48	0.0800	1018.73	0.0910	913.90
C.0800	1494.24	0.1000	1260.05	0.1000	1040.81	0.1210	953.75
C.0900	1521.66	0.1300	1302.01	0.1200	1096.91	0.1510	996.16
C.1000	1535.18	0.1500	1325.61	0.1500	1121.14	C.1810	1008.53
C.1100	1548.59	0.1700	1344.20	0.1800	1150.26	0.2110	1016.70
C.1200	1561.88	0.1900	1348.81	0.2100	1162.78	0.2810	1056.59
C.1300	1575.07	0.2100	1364.05	0.2400	1176.92	0.3310	1058.54
C.1400	1588.14	0.2300	1364.05	0.2700	1182.17	0.3810	1058.54
C.1500	1601.10	0.2500	1367.07	0.3000	1194.35	0.4810	1058.54
0.1600	1594.63	0.2800	1379.12	0.3300	1194.35	0.5310	1058.54
C.1700	1594.63	0.3100	1379.12	0.3600	1197.31	0.5810	1058.54
C.1800	1594.63	0.3400	1379.12	0.4000	1202.98	0.6310	1056.59
0.1900	1601.10	0.3700	1386.59	0.4200	1204.69	0.6810	1056.59
C.2000	1607.54	0.4000	1386.59	0.4700	1206.41	0.7310	1040.81
C.2100	1613.96	0.4300	1386.59	0.5200	1204.69	0.7810	1040.81
C.2200	1620.35	0.4700	1386.59	0.5700	1202.98	0.8310	1036.83
C.2300	1624.18	0.5200	1371.60	0.6200	1185.67	0.8810	1020.76
C.2400	1626.72	0.5700	1364.05	0.6700	1182.17	0.9310	1020.76
C.2500	1624.18	0.6000	1348.81	0.7200	1182.17	C.9810	1008.53
C.2600	1620.35	0.6400	1344.20	0.8200	1157.43	1.0310	996.16
C.2700	1620.35	0.6800	1339.58	0.9200	1121.14	1.1310	985.73
0.2900	1613.96	0.7300	1317.79	1.0200	1102.55	1.2310	964.53
C.3100	1613.96	0.7800	1302.01	1.1200	1095.02	1.3310	931.82
C.3700	1607.54	0.8200	1298.83	1.2200	1052.67	1.4310	909.36
C.4300	1598.52	0.8500	1281.20	1.3200	1012.63	1.5310	886.34
C.4800	1581.61	0.9000	1263.33	1.4200	975.18	1.6310	855.48
0.5200	1568.49	0.9500	1255.12	1.5200	949.40	1.7310	838.39
0.5700	1555.25	1.0000	1211.54	1.6200	909.36	1.8310	818.43
C.6200	1528.44	1.0500	1194.35	1.7200	881.66	1.9310	766.24
C.6700	1501.14	1.1000	1171.63	1.8200	838.39	2.0310	758.11
C.7200	1480.34	1.2000	1126.66	1.9200	782.26	2.1310	730.33
C.7700	1459.24	1.3000	1083.63	2.0200	766.24	2.2310	695.53
0.8200	1423.38	1.4000	1036.83	2.1200	733.15	2.3310	668.24
C.8700	1408.78	1.5000	985.73	2.2200	704.39	2.4310	643.02
0.9200	1379.12	1.6000	938.45	2.3200	658.90	2.5310	603.20
0.9700	1356.45	1.7000	902.52	2.4200	626.74	2.6310	582.28
1.0200	1309.93	1.8000	857.89	2.5200	592.83	2.7310	567.90
1.0700	1286.04	1.9000	787.53	2.6200	545.62	2.8310	526.33
1.1200	1253.47	2.0000	760.83	2.7200	506.31	2.9310	498.08
1.1700	1236.87	2.1000	695.53	2.8200	489.71	3.0310	454.68
1.2200	1202.98	2.2000	652.59	2.9200	445.50	3.1310	445.50

A=97

X--- 19.50

Y	U
1.2700	1168.10
1.3200	1122.98
1.3700	1085.54
1.4200	1056.59
1.4700	1016.70
1.5200	975.18
1.5700	942.85
1.6200	920.66
1.6700	897.93
1.7200	862.70
1.7700	825.97
1.8200	774.30
1.8700	752.63
1.9200	733.15
1.9700	704.39
2.0200	658.90
2.0700	626.74
2.1200	592.83
2.1700	556.87
2.2200	518.42
2.2700	498.08
2.3200	454.68
2.3700	431.35
2.4200	352.20
2.4700	321.51
2.5200	287.57
2.5700	272.81
2.6200	249.04
2.6700	203.34
2.7200	143.78
2.7700	0.00

23.50

Y	U
2.3000	610.02
2.4000	564.25
2.5000	514.41
2.6000	454.68
2.7000	426.53
2.8000	363.75
2.9000	301.60
3.0000	287.57
3.1000	272.81
3.2000	203.34
3.3000	90.94
3.4000	0.00

27.50

Y	U
3.0200	406.68
3.1200	352.20
3.2200	340.25
3.3200	287.57
3.4200	280.28
3.5200	203.34
3.6200	192.91
3.7200	143.78
3.8200	64.30
3.9200	0.00

31.50

Y	U
3.2310	416.72
3.3310	391.13
3.4310	352.20
3.5310	334.12
3.6310	301.60
3.7310	280.28
3.8310	272.81
3.9310	222.75
4.0310	192.91
4.1310	181.87
4.2310	128.60
4.3310	111.37
4.4310	90.94
4.5310	0.00

TABLE A-21

ALPHA= 90.00

$$YC = 0.0991$$

REC= 3334.0

[illegible]

TABLE A-21

ALPHA= 90.00

YC= 0.0991

REC= 3334.0

X----	2.00		2.50		3.00		3.50	
	Y	U	Y	U	Y	U	Y	U
C.0600	2231.86		0.0600	1975.34	0.0600	1704.61	0.0600	1455.00
C.0710	2227.48		0.0700	1971.45	0.0710	1701.26	0.0780	1466.31
C.0860	2227.48		0.0850	2012.96	0.0860	1713.37	0.0930	1480.34
C.1010	2227.48		0.0900	2012.96	0.0960	1713.37	0.1030	1494.24
C.1260	2273.41		0.1000	1981.91	0.1060	1719.40	0.1230	1508.01
C.1510	2273.41		0.1100	1981.91	0.1210	1737.34	0.1430	1521.66
C.2510	1981.91		0.1200	1981.91	0.1310	1737.34	0.1630	1521.66
C.2860	1981.91		0.1400	1981.91	0.1510	1737.34	0.1730	1508.01
C.3260	1639.38		0.1700	1960.94	0.1660	1727.34	0.1930	1508.01
C.3460	1466.31		0.1950	1950.37	0.1960	1713.37	0.2130	1494.24
C.3660	1317.79		0.2450	1795.85	0.2260	1639.38	0.2430	1452.14
C.3860	1202.98		0.2650	1713.37	0.2560	1561.88	0.2830	1394.03
C.4060	1113.74		0.2850	1639.38	0.2760	1508.01	0.3830	1220.04
C.4260	996.16		0.3050	1626.72	0.2960	1494.24	0.4830	975.18
C.4560	704.39		0.3250	1535.18	0.3260	1394.03	0.6830	454.68
C.4810	498.08		0.3550	1394.03	0.3560	1269.86	0.7230	406.68
C.5060	352.20		0.3850	1286.04	0.3860	1202.98	0.7830	203.34
C.5360	0.00		0.4250	1150.26	0.4260	1113.74	0.8330	0.00
			0.4550	996.16	0.4460	1016.70		
			0.4850	862.70	0.4860	886.34		
			0.5150	760.83	0.5160	813.36		
			0.5450	643.02	0.5460	733.15		
			0.5750	454.68	0.5760	575.13		
			0.6050	352.20	0.6010	537.99		
			0.6350	203.34	0.6260	454.68		
					0.6660	287.57		
					0.7260	0.00		

TABLE A-21

ALPHA= 90.00

YC= 0.0991

REC= 3334.0

X----	4.50		6.50		8.50		10.50	
	Y	U	Y	U	Y	U	Y	U
0.0600	1152.53		0.0600	840.04	0.0600	644.28	0.0600	539.05
0.0820	1168.10		0.0830	838.39	0.1510	704.39	0.1060	556.87
0.1020	1202.98		0.1230	862.70	0.2510	718.92	0.2060	610.02

X----	2.00	2.50	3.00	3.50			
Y	U	Y	U	Y	U		
0.1320	1220.04	0.1930	886.34	0.3510	704.39	0.3060	610.02
0.1820	1236.87	0.2330	886.34	0.4510	674.40	0.5260	556.87
0.2320	1220.04	0.2930	862.70	0.6510	575.13	0.8260	454.68
0.2720	1185.67	0.3430	850.63	0.8510	454.08	1.1260	287.57
0.3220	1132.15	0.4030	838.39	1.0510	352.20	1.3260	143.78
0.3620	1075.97	0.5030	733.15	1.3510	0.00		
0.4020	1016.70	0.5530	718.92				
0.4320	975.18	0.7530	537.99				
0.4720	909.36	0.8030	498.08				
0.5220	862.70	0.8830	406.68				
0.5520	813.36	1.0030	287.57				
0.5920	733.15	1.1030	0.00				
0.6420	643.02						
0.6820	610.02						
0.7120	537.99						
0.7720	454.68						
0.8120	406.68						
0.8720	203.34						
0.9520	0.00						

ALPHA= 90.00 YC= 0.1956 REC= 7022.0

X	0.00	1.80	3.80	4.80			
Y	U	Y	U	Y	U		
0.0600	5390.46	0.0600	4023.55	0.0600	4023.55	0.0600	2495.30
0.0740	5379.87	0.0750	4015.64	0.0750	4015.64	0.0710	2490.40
0.1040	5379.87	0.0850	4015.64	0.0850	4015.64	0.0860	2490.40
0.1340	5379.87	0.1050	3989.82	0.1050	3989.82	0.0960	2490.40
0.1840	5379.87	0.2050	3963.83	0.2050	3963.83	0.1060	2490.40
0.1890	5379.87	0.2150	3953.38	0.2150	3911.32	0.1160	2490.40
0.1940	5379.87	0.2350	3858.11	0.2350	3858.11	0.1360	2473.74
0.1990	5302.46	0.2750	3637.46	0.2750	3637.46	0.1460	2448.54
0.2040	4980.79	0.3750	2362.60	0.3750	2362.60	0.1660	2405.95
0.2090	4313.49	0.3950	2132.65	0.3950	2132.65	0.1860	2362.60
0.2140	3637.46	0.4150	1701.26	0.4150	1701.26	0.2160	2227.48
0.2240	2572.07	0.4250	1521.66	0.4250	1521.66	0.2460	2083.62
0.2340	1795.85	0.4450	1286.04	0.4450	1286.04	0.2660	2073.67
0.2440	909.36	0.4650	1132.15	0.4650	1132.15	0.2860	1981.91
0.2540	0.00	0.4950	674.40	0.4950	674.40	0.3260	1760.98
		0.5250	0.00	0.5250	0.00	0.3660	1639.38
						0.4260	1302.01

A-101

X----

4.80

Y	U
0.4960	1036.83
0.5460	813.36
0.5960	643.02
0.6460	406.68
0.6860	287.57
0.7160	0.00

TABLE A-22

ALPHA= 90.00

YC= 0.1956

REC= 7022.0

X---- 5.80

6.80

7.80

8.80

Y	U	Y	U	Y	U	Y	U
0.0600	2097.63	0.0600	1799.39	0.0600	1578.17	0.0600	1336.01
0.0760	2093.51	0.0820	1807.33	0.0700	1588.14	0.0800	1364.05
0.0960	2093.51	0.0920	1830.06	0.0900	1639.38	0.1000	1394.03
0.1060	2093.51	0.1020	1830.06	0.1000	1651.94	0.1300	1394.03
0.1260	2093.51	0.1120	1830.06	0.1200	1639.38	0.1500	1394.03
0.1660	2053.63	0.1320	1841.32	0.1500	1626.72	0.1900	1379.12
0.1960	1971.45	0.1520	1830.06	0.1800	1601.10	0.2200	1364.05
0.2660	1841.32	0.1820	1807.33	0.2200	1561.88	0.2800	1317.79
0.3660	1535.18	0.2320	1725.40	0.2800	1494.24	0.3200	1269.86
0.5660	953.75	0.2620	1689.07	0.3300	1408.78	0.3700	1220.04
0.7660	352.20	0.2920	1588.14	0.3800	1348.81	0.4300	1168.10
0.9660	0.00	0.3220	1548.59	0.4800	1168.10	0.5300	1016.70
		0.3520	1508.01	0.5200	1095.02	0.5800	953.75
		0.3820	1408.78	0.5800	996.16	0.6800	813.36
		0.4320	1317.79	0.6800	787.53	0.7300	733.15
		0.4620	1253.47	0.7100	733.15	0.7800	674.40
		0.5120	1132.15	0.7500	674.40	0.8300	575.13
		0.6120	862.70	0.7800	575.13	0.8600	537.99
		0.6820	760.83	0.8200	498.08	0.9100	454.68
		0.7320	626.74	0.8600	454.68	0.9500	406.68
		0.7720	537.99	0.9600	203.34	0.9800	380.41
		0.8320	352.20	1.0600	0.00	1.0300	287.57
		0.8820	287.57			1.0800	203.34
		0.9320	203.34				

TABLE A-22

ALPHA= 90.00

YC= 0.1956

REC= 7022.0

X--- 9.80		10.80		11.80		13.80	
Y	U	Y	U	Y	U	Y	U
0.0600	1205.34	0.0600	1078.09	0.0600	1068.42	0.0600	987.67
0.0700	1202.98	0.0910	1132.15	0.0800	1113.74	0.0800	1016.70
0.0900	1236.87	0.1130	1168.10	0.1000	1132.15	0.1000	1056.59
0.1100	1253.47	0.1410	1220.04	0.1200	1150.26	0.1200	1066.32
0.1300	1269.86	0.1710	1220.04	0.1400	1150.26	0.1400	1075.97
0.1500	1269.86	0.2110	1220.04	0.1500	1150.26	0.1800	1075.97
0.1700	1269.86	0.2510	1202.98	0.1600	1150.26	0.2500	1056.59
0.2000	1261.69	0.3410	1113.74	0.2000	1150.26	0.2900	1036.83
0.2400	1253.47	0.4010	1075.97	0.2400	1150.26	0.3500	1016.70
0.2900	1220.04	0.4410	1036.83	0.2800	1113.74	0.3900	1006.48
0.3400	1185.67	0.4910	975.18	0.3300	1095.02	0.4200	975.18
0.3900	1132.15	0.5310	953.75	0.3800	1075.97	0.4500	931.82
0.4900	1036.83	0.5810	909.36	0.4300	1036.83	0.4800	909.36
0.5400	975.18	0.6310	862.70	0.4800	996.16	0.5100	886.34
0.6400	886.34	0.6810	813.36	0.5300	975.18	0.5500	874.60
0.7400	760.83	0.7310	760.83	0.5800	931.82	0.6200	825.97
0.7900	704.39	0.7910	704.39	0.6300	886.34	0.6900	787.53
0.8900	610.02	0.8510	643.02	0.6800	850.63	0.7900	704.39
0.9400	537.99	0.9110	575.13	0.7300	813.36	0.8900	643.02
0.9700	498.08	0.9710	537.99	0.7800	760.83	0.9900	575.13
1.0700	380.41	1.0310	454.68	0.8300	704.39	1.0900	498.08
1.1100	287.57	1.1110	406.68	0.9300	610.02	1.1900	352.20
1.2100	0.00	1.1810	321.51	1.0300	498.08	1.3900	203.34
		1.2810	203.34	1.1300	406.68		
		1.3810	0.00	1.2300	352.20		
				1.3300	203.34		
				1.4300	0.00		

TABLE A-22

ALPHA= 90.00

YC= 0.1956

REC= 7022.0

X--- 15.80		18.80	
Y	U	Y	U
0.0600	762.33	0.0600	675.73
0.0910	787.53	0.1470	733.15
0.1610	838.39	0.2270	760.83
0.2610	862.70	0.3270	760.83
0.3610	838.39	0.4270	747.12
0.4310	825.97	0.6270	674.40

X--- 15.80		18.80	
Y	U	Y	U
0.5110	813.36	0.8270	643.02
0.5710	774.30	1.0270	537.99
0.6710	733.15	1.2270	454.68
0.8710	626.74	1.4270	352.20
1.0710	498.08	1.6270	203.34
1.2710	406.68		
1.4710	249.04		

TABLE A-23

ALPHA= 90.00

YC= 0.2921

REC= 10260.0

X--- 0.00		1.20		2.20		3.20	
Y	U	Y	U	Y	U	Y	U
0.0600	5273.69	0.0600	5273.69	0.0600	4799.80	0.0600	4273.69
0.0750	5263.33	0.0710	5263.33	0.0710	4790.37	0.0710	4265.30
0.0900	5263.33	0.0810	5263.33	0.0810	4790.37	0.0810	4265.30
0.1100	5263.33	0.0910	5263.33	0.0910	4811.90	0.0910	4265.30
0.1400	5263.33	0.1010	5263.33	0.1110	4768.75	0.1110	4191.96
0.1600	5255.46	0.1160	5204.07	0.1260	4614.52	0.1310	4066.80
0.1800	5243.65	0.1260	5184.17	0.1410	4501.12	0.1510	3911.32
0.1950	5235.76	0.1460	5083.50	0.1610	4361.16	0.1710	3858.11
0.2100	5223.90	0.1660	5001.50	0.2610	3341.22	0.1910	3721.73
0.2350	5204.07	0.1860	4875.92	0.3110	2875.66	0.2110	3551.18
0.2500	5192.14	0.2160	4384.80	0.3610	2362.60	0.2410	3278.76
0.2600	5184.17	0.2360	4041.30	0.4110	1907.50	0.2710	3182.77
0.2700	5184.17	0.2660	3693.85	0.4410	1548.59	0.3010	2911.39
0.2800	5184.17	0.2860	3402.53	0.5010	1113.74	0.3310	2611.95
0.3000	4960.00	0.3160	2611.95	0.5210	862.70	0.3460	2490.40
0.3100	4524.03	0.3360	2318.43	0.5410	674.40	0.3610	2405.95
0.3400	3749.40	0.3560	2053.63	0.5610	537.99	0.3810	2318.43
0.3600	2490.40	0.4060	1302.01	0.6110	0.00	0.4110	2083.62
0.3700	2318.43	0.4160	1056.59			0.4610	1664.41
0.3900	406.68	0.4260	909.36			0.4810	1588.14
0.4100	0.00	0.4360	760.83			0.5110	1333.39
		0.4560	498.08			0.5410	1075.97
		0.4860	0.00			0.5810	886.34
						0.6110	658.90
						0.6610	287.57
						0.7010	0.00

TABLE A-23

ALPHA= 90.00

YC= 0.2921

REC= 10260.0

X--- 4.20		6.20		7.20		9.20	
Y	L	Y	U	Y	U	Y	U
C.0600	3756.79	0.0600	2952.48	0.0600	2695.23	0.0600	2231.86
C.0700	3749.40	0.0750	2960.68	0.0790	2689.94	0.0840	2245.96
C.0800	3749.40	0.0850	2960.68	0.1090	2689.94	0.1140	2245.96
C.1000	3749.40	0.1050	2960.68	0.1490	2728.09	0.1440	2318.43
C.1200	3637.46	0.1250	2981.55	0.1890	2712.89	0.1740	2318.43
C.1300	3608.93	0.1450	3002.28	0.2290	2651.23	0.2040	2291.53
C.1500	3521.95	0.1650	2981.55	0.2690	2572.07	0.2340	2255.15
C.1700	3462.76	0.1850	2946.68	0.3190	2405.95	0.2740	2227.48
C.1900	3372.01	0.2050	2911.39	0.3690	2273.41	0.3140	2132.65
C.2100	3247.08	0.2350	2861.25	0.4090	2132.65	0.3540	2113.17
C.2300	3083.80	0.2550	2802.85	0.4490	2083.62	0.3940	2053.63
C.2500	2981.55	0.2850	2689.94	0.4890	1929.05	0.4340	1971.45
C.2700	2946.68	0.3050	2611.95	0.5190	1841.32	0.4740	1896.63
C.3100	2689.94	0.3250	2572.07	0.5590	1749.20	0.5040	1807.33
C.3400	2490.40	0.3450	2490.40	0.5990	1575.07	0.5440	1749.20
C.3600	2362.60	0.3650	2448.54	0.6490	1452.14	0.5840	1651.94
C.3900	2227.48	0.3950	2318.43	0.6890	1309.93	0.6340	1521.66
C.4300	1971.45	0.4350	2180.58	0.7390	1202.98	0.6840	1437.83
C.6100	996.16	0.6350	1437.83	1.0190	352.20	1.0840	575.13
C.4500	1852.52	0.4650	2083.62	0.7790	1036.83	0.7840	1220.04
C.4800	1743.28	0.4950	1918.31	0.8290	909.36	0.8340	1095.02
C.5100	1535.18	0.5150	1874.70	0.8690	787.53	0.8740	1016.70
C.5600	1236.87	0.5550	1755.10	0.9190	643.02	0.9140	931.82
C.5900	1132.15	0.5950	1535.18	0.9690	537.99	1.0140	704.39
C.6500	760.83	0.6950	1185.67	1.0690	203.34	1.1340	454.68
C.6900	643.02	0.7350	1095.02	1.1090	0.00	1.1840	352.20
C.7400	287.57	0.8350	760.83			1.2840	143.78
C.7900	0.00	0.8750	556.87				
		0.9050	454.68				
		0.9650	249.04				
		0.9950	0.00				

TABLE A-23

ALPHA= 90.00

YC= 0.2921

REC= 10260.0

X--- 11.20		12.20		15.20		18.20	
Y	U	Y	U	Y	U	Y	U
0.0600	1932.85	0.0600	1787.81	0.0600	1469.19	0.0600	1222.44
0.0700	1929.05	0.0910	1784.30	0.0930	1466.31	0.0990	1302.01
0.1000	1955.66	0.1210	1841.32	0.1230	1508.01	0.1290	1309.93
0.1300	1981.91	0.1610	1874.70	0.1630	1535.18	0.1690	1333.39
0.1500	2002.67	0.2010	1874.70	0.2030	1561.88	0.2290	1333.39
0.1800	2018.09	0.2410	1869.18	0.2330	1568.49	0.2690	1333.39
0.2200	2012.96	0.2910	1830.06	0.2530	1575.07	0.3090	1325.61
0.2600	1992.32	0.3310	1795.85	0.2830	1561.88	0.3390	1317.79
0.3000	1939.74	0.3710	1749.20	0.3230	1555.25	0.3890	1302.01
0.3500	1891.17	0.4710	1639.38	0.3730	1535.18	0.4290	1277.97
0.4000	1801.60	0.5710	1508.01	0.4430	1466.31	0.4690	1261.69
0.4400	1760.98	0.6210	1437.83	0.5430	1379.12	0.5690	1202.98
0.4900	1664.41	0.7210	1286.04	0.6430	1286.04	0.7690	1056.59
0.5400	1613.96	0.8210	1150.26	0.7430	1202.98	0.9690	909.36
0.6200	1466.31	0.9210	1016.70	0.8430	1113.74	1.1690	787.53
0.6700	1394.03	0.9710	931.82	0.9430	1016.70	1.3690	626.74
0.7700	1236.87	1.0110	862.70	1.0430	909.36	1.5690	575.13
0.8700	1056.59	1.1210	733.15	1.2430	704.39	1.6390	537.99
0.9700	909.36	1.2210	575.13	1.3430	610.02	1.7190	454.68
1.0700	733.15	1.2910	476.87	1.4430	518.42	1.8190	380.41
1.1700	575.13	1.3610	406.68	1.5430	406.68	1.9190	321.51
1.2200	498.08	1.4210	321.51	1.7430	203.34	2.2190	143.78
1.2700	406.68	1.4710	249.04				
1.3200	352.20						
1.3700	272.81						
1.4200	203.34						
1.4700	0.00						

TABLE A-23

ALPHA= 90.00

YC= 0.2921

REC= 10260.0

X--- 21.20		24.20		28.20	
Y	U	Y	U	Y	U
0.0600	1038.88	0.0600	911.15	0.0600	762.33
0.0980	1113.74	0.1000	909.36	0.1070	825.97
0.1380	1132.15	0.2000	985.73	0.2170	886.34
0.1880	1150.26	0.3000	1016.70	0.3170	909.36
0.2880	1150.26	0.4000	1016.70	0.5170	886.34

X---	21.20		24.20		28.20	
	Y	U	Y	U	Y	U
C.3480		1150.26	0.4400	1016.70	0.7170	862.70
C.4480		1113.74	0.5400	996.16	1.0170	774.30
C.5480		1095.02	0.6400	985.73	1.3170	674.40
C.6480		1036.83	0.8400	909.36	1.6170	556.87
C.7480		996.16	1.0400	838.39	1.8170	498.08
C.8480		953.75	1.2400	760.83	2.0170	431.35
1.0480		838.39	1.3400	674.40	2.2170	352.20
1.2480		718.92	1.5400	575.13	2.4170	287.57
1.4480		610.02	1.7400	498.08	2.5170	249.04
1.5480		575.13	1.9400	406.68		
1.7480		454.68	2.1400	287.57		
1.8580		352.20	2.2400	249.04		
1.9580		287.57				
2.0580		203.34				

TABLE A-24

ALPHA= 90.00

YC= 0.5842

REC= 19040.0

X---	0.00		1.20		2.20		3.20	
	Y	U	Y	U	Y	U	Y	U
C.0600		4894.01	0.0600	4842.85	0.0600	4623.60	0.0600	4393.43
C.0890		4884.39	0.0760	4833.34	0.0820	4733.94	0.0750	4417.68
C.1090		4884.39	0.1060	4913.93	0.0920	4790.37	0.0850	4564.97
C.1390		4884.39	0.1260	4913.93	0.1020	4824.77	0.0950	4614.52
C.1690		4875.92	0.1510	4909.72	0.1120	4858.93	0.1050	4645.77
C.1990		4846.15	0.1760	4897.08	0.1220	4854.68	0.1150	4681.24
C.2390		4820.49	0.2060	4875.92	0.1420	4854.68	0.1350	4703.27
C.2790		4790.37	0.2460	4854.68	0.1620	4858.93	0.1550	4725.20
C.3440		4725.20	0.2760	4811.90	0.1820	4824.77	0.1750	4672.40
C.3790		4681.24	0.3260	4725.20	0.1920	4820.49	0.1950	4583.05
C.4190		4645.77	0.3760	4560.44	0.2120	4768.75	0.2150	4514.88
C.4690		4510.30	0.4260	4167.23	0.2320	4738.30	0.2450	4417.68
C.4890		4384.80	0.4760	3608.93	0.2620	4659.11	0.2750	4216.55
C.5490		3551.18	0.5260	2839.49	0.2920	4454.96	0.3050	3989.82
C.5990		1423.38	0.5560	2490.40	0.3020	4384.80	0.3350	3820.41
C.6390		0.00	0.5760	2180.58	0.3220	4279.81	0.3750	3521.95
			0.6160	1437.83	0.3420	4201.81	0.4050	3227.92
			0.6260	1328.73	0.3620	4066.80	0.4250	3083.80
			0.6360	1261.69	0.3920	3682.64	0.4550	2946.68
			0.6510	1113.74	0.4020	3568.60	0.4850	2604.02
			0.6660	884.00	0.4120	3492.48	0.5150	2362.60

X--- 0.00		1.20		2.20		3.20	
Y	U	Y	U	Y	U	Y	U
		0.6760	683.54	0.4220	3408.60	0.5750	1971.45
		0.6860	476.87	0.4570	3150.13	0.5900	1795.85
		0.6960	334.12	0.4820	2802.85	0.6150	1613.96
		0.7060	143.78	0.5020	2572.07	0.6550	1408.78
				0.5320	2362.60	0.6850	1122.98
				0.5520	2180.58	0.7050	964.53
				0.5720	1971.45	0.7350	838.39
				0.5920	1713.37	0.7750	537.99
				0.6020	1601.10	0.8150	203.34
				0.6320	1408.78	0.8350	0.00
				0.6620	1132.15		
				0.6920	787.53		
				0.7220	556.87		
				0.7620	249.04		
				0.7820	0.00		

TABLE A-24

ALPHA= 90.00

YC= 0.5842

REC= 19040.0

X--- 4.20		6.20		18.20		12.20	
Y	U	Y	U	Y	U	Y	U
0.0600	4115.35	0.0600	3499.35	0.0600	2952.48	0.0600	2136.85
0.0800	4167.23	0.0700	3492.48	0.0840	2946.68	0.0950	2227.48
0.0900	4265.30	0.0950	3608.93	0.1190	3022.87	0.1150	2245.96
0.1100	4361.16	0.1150	3637.46	0.1390	3022.87	0.1450	2300.53
0.1300	4384.80	0.1400	3648.81	0.1690	3022.87	0.1750	2300.53
0.1500	4398.92	0.1700	3603.19	0.1990	3022.87	0.2450	2245.96
0.1700	4398.92	0.2100	3521.95	0.2290	2981.55	0.2750	2227.48
0.2100	4265.30	0.2500	3450.79	0.2590	2953.68	0.3250	2208.84
0.2400	4142.35	0.2900	3285.06	0.3190	2824.89	0.3850	2132.65
0.2600	4097.19	0.3400	3150.13	0.3490	2765.72	0.4150	2002.67
0.2900	3858.11	0.3800	3002.28	0.3990	2651.23	0.4550	1955.66
0.3150	3665.76	0.4300	2795.46	0.4490	2531.56	0.5050	1885.70
0.3800	3372.01	0.4800	2604.02	0.4990	2405.95	0.5550	1795.85
0.4150	3016.02	0.5300	2362.60	0.5990	2132.65	0.6050	1725.40
0.4500	2882.84	0.5800	2132.65	0.6590	1992.32	0.7050	1561.88
0.4800	2659.02	0.6100	2023.21	0.6990	1841.32	0.7550	1473.34
0.5200	2336.20	0.6400	1939.74	0.7490	1689.07	0.8550	1302.01
0.5600	2208.84	0.6800	1755.10	0.7990	1541.90	0.9050	1220.04
0.5900	1966.20	0.7200	1568.49	0.8490	1394.03	1.0050	1056.59

X--- 4.20		6.20		10.20		12.20	
Y	U	Y	U	Y	U	Y	U
0.6200	1772.68	0.7500	1492.85	0.8990	1245.20	1.0550	964.53
0.6600	1594.63	0.8000	1236.87	0.9490	1085.54	1.1550	800.55
0.6900	1356.45	0.8700	996.16	0.9990	964.53	1.2550	643.02
0.7200	1185.67	0.9300	733.15	1.0990	674.40	1.3550	476.87
0.7600	1036.83	0.9500	689.56	1.1490	518.42	1.4550	287.57
0.8000	760.83	0.9800	537.99	1.1990	352.20	1.5050	203.34
0.8400	592.83	1.0200	352.20	1.2990	0.00	1.5550	0.00
0.8800	352.20	1.0600	192.91				
0.9200	0.00						

TABLE A-24

ALPHA= 90.00

YC= 0.5842

REC= 19040.0

X--- 15.20		18.20		21.20		24.20	
Y	U	Y	U	Y	U	Y	U
0.0600	1776.17	0.0600	1483.25	0.0600	1255.94	0.0600	1068.42
0.0860	1807.33	0.0730	1494.24	0.0940	1302.01	0.0940	1122.98
0.1110	1852.52	0.0930	1528.44	0.1240	1333.39	0.1240	1150.26
0.1160	1874.70	0.1330	1588.14	0.1640	1371.60	0.1540	1185.67
0.1260	1880.21	0.1630	1607.54	0.2040	1386.59	0.1840	1185.67
0.1460	1885.70	0.2030	1613.96	0.2440	1394.03	0.2440	1211.54
0.1760	1907.50	0.2330	1620.35	0.2940	1396.99	0.3440	1220.04
0.2060	1907.50	0.2830	1620.35	0.3440	1396.99	0.4440	1211.54
0.2360	1907.50	0.3830	1601.10	0.4440	1386.59	0.5440	1185.67
0.2960	1896.63	0.4830	1535.18	0.5440	1348.81	0.6440	1168.10
0.3660	1846.93	0.5830	1494.24	0.6440	1302.01	0.8440	1113.74
0.4160	1824.40	0.6830	1437.83	0.7440	1253.47	1.1440	975.18
0.5160	1755.10	0.7830	1364.05	0.8440	1202.98	1.3440	862.70
0.6160	1664.41	0.8830	1286.04	0.9440	1141.24	1.6440	704.39
0.6660	1601.10	1.0830	1122.98	1.0440	1089.34	1.8440	606.62
0.7160	1548.59	1.1830	1036.83	1.1440	1036.83	2.0440	498.08
0.8160	1445.00	1.2830	942.85	1.3440	897.93	2.2440	396.38
0.9160	1325.61	1.3830	862.70	1.5440	774.30	2.4440	287.57
1.0160	1220.04	1.4830	787.53	1.6440	704.39	2.6440	0.00
1.1160	1113.74	1.5830	704.39	1.7440	643.02		
1.2160	985.73	1.6830	592.83	1.9440	498.08		
1.4160	760.83	1.7830	498.08	2.0440	406.68		
1.5160	643.02	1.8830	406.68	2.1440	340.25		
1.6160	537.99	1.9830	321.51	2.2440	287.57		
1.7160	406.68	2.0830	203.34	2.3440	90.94		
1.8160	203.34	2.1830	0.00	2.4440	0.00		
1.9160	0.00						

TABLE A-24

ALPHA= 90.00

YC= 0.5842

REC= 19040.0

X---- 0.00

Y	U
0.0600	908.87
0.1410	964.53
0.2410	1012.63
0.3410	1026.82
0.5410	1032.84
0.7410	985.73
0.9410	942.85
1.1410	881.66
1.3410	813.36
1.5410	733.15
1.7410	668.24
1.9410	575.13
2.1410	498.08
2.3410	352.20
2.5410	287.57
2.7410	203.34
2.9410	0.00

TABLE A-25

ALPHA= 90.00

YC= 1.2573

REC= 34850.0

X---- 0.00

0.00		1.15		2.15		3.15	
Y	U	Y	U	Y	U	Y	U
0.0600	4100.19	0.0600	4033.85	0.0600	3997.67	0.0600	3833.35
0.0910	4092.14	0.0700	4025.93	0.0850	3989.82	0.0830	3937.66
0.1010	4092.14	0.0900	4071.88	0.1050	4036.18	0.0930	3958.61
0.1210	4087.08	0.1000	4076.95	0.1450	4041.30	0.1130	3989.82
0.1610	4082.02	0.1200	4107.27	0.1750	4010.49	0.1280	4015.64
0.2010	4041.30	0.1500	4092.14	0.2150	3958.61	0.1730	3963.83
0.2310	4010.49	0.2000	4036.18	0.2350	3937.66	0.2030	3911.32
0.2610	3963.83	0.2400	3989.82	0.3050	3858.11	0.2330	3884.81
0.3010	3958.61	0.2800	3927.15	0.3450	3776.87	0.2730	4015.64
0.3310	3937.66	0.3300	3884.81	0.4150	3608.93	0.3130	3637.46
0.3610	3884.81	0.3700	3847.37	0.4650	3492.48	0.3530	3551.18
0.4010	3842.00	0.4400	3749.40	0.5350	3278.76	0.3930	3402.53
0.4310	3831.22	0.5400	3533.67	0.6350	2911.39	0.4330	3310.14
0.4610	3804.14	0.6400	3272.45	0.7050	2572.07	0.4830	3083.80
0.4910	3732.83	0.7400	2904.28	0.8050	2132.65	0.5830	2728.09

X----	0.00		1.15		2.15		3.15	
	Y	U	Y	U	Y	U	Y	U
	0.5210	3705.03	0.8400	2839.49	0.9050	1731.38	0.6830	2318.43
	0.5510	3682.64	0.9400	1971.45	0.9350	1639.38	0.7830	1960.94
	0.5810	3626.07	0.9800	1736.15	0.9750	1445.00	0.8830	1575.07
	0.6110	3568.60	1.0300	1452.14	1.0250	1202.98	0.9830	1185.67
	0.6910	3390.36	1.0800	1194.35	1.0650	1066.32	1.0530	953.75
	0.7910	3130.38	1.1200	953.75	1.1150	787.53	1.0930	774.30
	0.8910	2753.24	1.1500	862.70	1.1550	658.90	1.1830	431.35
			1.1900	592.83	1.2050	406.68	1.2830	0.00
			1.2300	380.41	1.2350	249.04		
			1.2600	249.04				

TABLE A-25

ALPHA= 90.00

YC= 1.2573

REC= 34850.0

X----	4.15		6.15		8.15		12.15	
	Y	U	Y	U	Y	U	Y	U
	0.0600	3667.33	0.0600	3316.65	0.0600	2881.32	0.0600	2136.85
	0.0830	3776.87	0.0790	3303.88	0.0690	2890.00	0.0840	2132.65
	0.0930	3831.22	0.0890	3310.14	0.0890	2946.68	0.1140	2218.18
	0.1030	3858.11	0.1090	3402.53	0.1090	2967.65	0.1340	2227.48
	0.1230	3858.11	0.1190	3432.77	0.1290	2981.55	0.1540	2264.30
	0.1530	3868.81	0.1390	3456.78	0.1690	3002.28	0.1740	2255.15
	0.1830	3804.14	0.1590	3408.60	0.1890	2960.68	0.2140	2245.96
	0.2130	3760.42	0.1890	3426.75	0.2390	2946.68	0.2640	2236.74
	0.2630	3682.64	0.2290	3402.53	0.2890	2868.46	0.3140	2227.48
	0.3130	3492.48	0.2590	3341.22	0.3390	2765.72	0.3640	2180.58
	0.3630	3347.40	0.2990	3266.12	0.3890	2689.94	0.4140	2142.32
	0.4630	2981.55	0.3490	3202.20	0.4890	2490.40	0.4640	2132.65
	0.5630	2651.23	0.4090	2974.61	0.5890	2255.15	0.5640	2023.21
	0.6630	2273.41	0.4990	2728.09	0.7190	2007.82	0.6640	1912.91
	0.7630	1955.66	0.5490	2572.07	0.7690	1907.50	0.7640	1784.30
	0.8130	1778.50	0.5990	2405.95	0.8690	1689.07	0.8640	1645.67
	0.8630	1601.10	0.6990	2132.65	0.9690	1466.31	0.9640	1521.66
	0.9130	1416.10	0.7990	1891.17	1.0690	1269.86	1.0640	1379.12
	0.9630	1269.86	0.8490	1713.37	1.1690	1036.83	1.1740	1236.87
	1.0630	931.82	0.9490	1459.24	1.2690	838.39	1.2740	1095.02
	1.1230	838.39	1.0490	1185.67	1.3690	643.02	1.3740	975.18
	1.1630	610.02	1.1490	931.82	1.4190	498.08	1.4140	909.36
	1.2230	454.68	1.2490	704.39	1.5190	287.57	1.5140	774.30

A-111

X--- 4.15		6.15		8.15		12.15	
Y	U	Y	U	Y	U	Y	U
1.3230	0.00	1.3490	406.68			1.6140	643.02
		1.4490	0.00			1.7140	518.42
						1.8140	380.41
						1.9140	192.91

TABLE A-25

ALPHA= 90.00

YC= 1.2573

REC= 34850.0

X--- 15.15		18.15		21.15		24.15	
Y	U	Y	U	Y	U	Y	U
0.0600	1782.00	0.0600	1551.64	0.0600	1304.57	0.0600	1143.49
0.0890	1799.30	0.0970	1588.14	0.0860	1341.12	0.0910	1168.10
0.1090	1858.09	0.1170	1620.35	0.1060	1364.05	0.1200	1211.54
0.1390	1912.91	0.1370	1639.38	0.1360	1408.78	0.1710	1253.47
0.1790	1929.05	0.1570	1639.38	0.1560	1408.78	0.2110	1269.86
0.2190	1929.05	0.1870	1651.94	0.1860	1445.00	0.2610	1302.01
0.2490	1945.06	0.2170	1651.94	0.2160	1437.83	0.3210	1286.04
0.2990	1929.05	0.2670	1664.41	0.2560	1466.31	0.4110	1286.04
0.3390	1907.50	0.3170	1676.78	0.2960	1452.14	0.5110	1286.04
0.3790	1896.63	0.3670	1658.19	0.3360	1452.14	0.6110	1253.47
0.4790	1852.52	0.3970	1651.94	0.3860	1450.71	0.7310	1220.04
0.5790	1784.30	0.4970	1607.54	0.4360	1452.14	0.8310	1202.98
0.6790	1701.26	0.5670	1588.14	0.5360	1437.83	1.0310	1132.15
0.7790	1607.54	0.6670	1528.44	0.6360	1401.42	1.2310	1052.67
0.8790	1535.18	0.7670	1473.34	0.7360	1364.05	1.5310	909.36
0.9790	1423.38	0.8670	1408.78	0.8360	1309.93	1.8310	760.83
1.0790	1333.39	0.9670	1333.39	0.9360	1261.69	2.1310	643.02
1.1790	1228.48	1.1670	1202.98	1.0360	1214.95	2.4310	498.08
1.2790	1132.15	1.2670	1132.15	1.1360	1168.10	2.6310	380.41
1.3790	1036.83	1.3670	1036.83	1.3360	1046.76	2.8310	287.57
1.4790	931.82	1.4670	964.53	1.5360	931.82	3.0310	143.78
1.5790	838.39	1.6670	813.36	1.8360	733.15		
1.6790	733.15	1.7670	747.12	1.9360	674.40		
1.7790	643.02	1.9770	674.40	2.2360	498.08		
1.8790	518.42	2.0770	575.13	2.5360	287.57		
1.9790	454.68	2.1770	498.08	2.7360	203.34		
2.0790	352.20	2.2770	406.68				
2.1790	203.34	2.3770	352.20				
		2.4770	90.94				

TABLE- 1

ALPHA=11.25

YC=0.1016 CM

UC=4960.0 CM/SEC

REC=3363.0

X(CM)	Y_1 (CM)	Y_1/YC	X/YC	UMAX(CM/SEC)	UMAX/UC
2.740	0.36	3.504	26.969	2353.97	0.475
3.740	0.48	4.695	36.811	1961.08	0.395
3.740	0.48	4.695	36.811	1961.08	0.395
4.740	0.59	5.807	46.654	1655.67	0.334
4.740	0.59	5.807	46.654	1655.67	0.334
5.740	0.71	6.978	56.496	1445.06	0.291
6.740	0.80	7.844	66.339	1289.30	0.260
7.740	0.92	9.016	76.181	1171.65	0.236
8.740	1.03	10.138	86.024	1062.53	0.214
9.740	1.05	10.344	95.866	996.09	0.201
10.740	1.16	11.437	105.709	927.51	0.187
11.740	1.23	12.146	115.551	862.58	0.174
12.740	1.28	12.598	125.394	813.51	0.164
13.740	1.38	13.583	135.236	760.78	0.153

TABLE- 2

ALPHA=11.25

YC=0.1956 CM

UC=4960.0 CM/SEC

REC=6474.0

X(CM)	Y_1 (CM)	Y_1/YC	X/YC	UMAX(CM/SEC)	UMAX/UC
1.800	0.32	1.626	9.203	4299.20	0.867
3.800	0.48	2.480	19.429	3221.43	0.649
5.800	0.65	3.334	29.655	2659.08	0.536
7.800	0.82	4.213	39.881	2246.07	0.453
10.800	1.11	5.675	55.220	1905.30	0.384
13.800	1.32	6.739	70.559	1664.51	0.336
17.800	1.66	8.462	91.011	1437.74	0.290
21.800	1.96	10.021	111.463	1261.57	0.254
25.800	2.25	11.504	131.915	1150.32	0.232
29.800	2.57	13.140	152.367	1044.85	0.211

TABLE- 3

ALPHA=11.25

YC=0.2921 CM

UC=4947.5 CM/SEC

REC=9645.0

X(CM)	Y_1 (CM)	Y_1/YC	X/YC	UMAX(CM/SEC)	UMAX/UC
1.740	0.38	1.294	5.957	4668.01	0.944
3.740	0.52	1.790	12.804	3705.15	0.749
5.740	0.70	2.379	19.651	3076.96	0.622
7.740	0.86	2.958	26.498	2627.68	0.531
10.740	1.13	3.875	36.768	2208.89	0.446
13.740	1.39	4.755	47.039	1929.08	0.390
17.740	1.73	5.912	60.733	1639.52	0.331
21.740	2.04	6.984	74.427	1452.07	0.293
25.740	2.38	8.131	88.121	1310.03	0.265
29.740	2.77	9.483	101.814	1211.58	0.245
35.740	3.19	10.938	122.355	1075.94	0.217
41.740	3.74	12.804	142.896	975.06	0.197

TABLE- 4

ALPHA=11.25

YC=0.6020 CM

UC=4313.5 CM/SEC

REC=17330.0

X(CM)	Y_1 (CM)	Y_1/YC	X/YC	UMAX(CM/SEC)	UMAX/UC
1.800	0.65	1.081	2.990	4279.70	0.992
3.800	0.73	1.218	6.313	4081.88	0.946
5.800	0.84	1.395	9.635	3705.15	0.859
7.800	1.01	1.682	12.957	3266.24	0.757
10.800	1.24	2.060	17.941	2875.79	0.667
13.800	1.39	2.309	22.924	2531.67	0.587
19.800	2.19	3.638	32.891	2068.68	0.480
25.800	2.43	4.037	42.859	1770.28	0.410
29.800	2.72	4.527	49.503	1607.52	0.373
35.800	3.22	5.349	59.470	1420.37	0.329
41.800	3.61	5.997	69.438	1302.11	0.302

TABLE- 5

ALPHA=11.25

YC=1.2624 CM

UC=3304.0 CM/SEC

REC=27840.0

X(CM)	Y_1 (CM)	Y_1/YC	X/YC	UMAX(CM/SEC)	UMAX/UC
3.800	1.38	1.092	3.010	2904.13	0.879
5.800	1.45	1.153	4.594	2773.07	0.839
10.800	1.77	1.398	8.555	2345.13	0.710
13.800	1.97	1.561	10.932	2122.93	0.643
17.800	2.26	1.794	14.100	1918.41	0.581
21.800	2.60	2.060	17.269	1749.25	0.529
25.800	2.86	2.266	20.438	1613.92	0.488
29.800	3.31	2.618	23.606	1487.42	0.450
35.800	3.52	2.788	28.359	1344.17	0.407
45.800	4.17	3.303	36.281	1150.32	0.348
55.800	4.96	3.929	44.202	1000.35	0.303

TABLE- 6

ALPHA=37.12

YC=0.1016 CM

UC=4593.3 CM/SEC

REC=3115.0

X(CM)	Y_1 (CM)	Y_1/YC	X/YC	UMAX(CM/SEC)	UMAX/UC
0.450	0.12	1.171	4.429	4478.12	0.975
0.950	0.14	1.392	9.350	4201.36	0.915
1.950	0.28	2.776	19.193	2388.72	0.520
2.450	0.35	3.425	24.114	2113.18	0.460
4.950	0.70	6.929	48.720	1216.76	0.265
6.450	0.87	8.563	63.484	1066.19	0.232
8.450	1.04	10.236	83.169	942.75	0.205
10.450	1.31	12.874	102.854	844.30	0.184

TABLE- 7

ALPHA=37.12

YC=0.1956 CM

UC=5192.3 CM/SEC

REC=6777.6

X (CM)	Y_1 (CM)	Y_1/YC	X/YC	UMAX (CM/SEC)	UMAX/UC
0.900	0.25	1.297	4.602	4510.43	0.869
1.900	0.36	1.856	9.715	3620.41	0.697
2.900	0.44	2.229	14.828	3097.07	0.596
4.900	0.57	2.902	25.054	2465.22	0.475
6.900	0.73	3.732	35.280	2073.55	0.399
8.900	0.88	4.499	45.506	1778.51	0.343
11.900	1.13	5.752	60.845	1496.87	0.288
15.900	1.45	7.399	81.297	1245.11	0.240
19.900	1.66	8.488	101.749	1079.91	0.208
25.900	2.17	11.095	132.427	886.36	0.171

TABLE- 8

ALPHA=37.12

YC=0.3150 CM

UC=4897.2 CM/SEC

REC=10290.0

X (CM)	Y_1 (CM)	Y_1/YC	X/YC	UMAX (CM/SEC)	UMAX/UC
0.680	0.36	1.132	2.159	4754.88	0.971
1.680	0.37	1.164	5.334	4515.00	0.922
2.680	0.39	1.246	8.509	4167.23	0.851
3.680	0.44	1.387	11.684	3831.34	0.782
5.680	0.55	1.743	18.034	3202.23	0.654
7.680	0.70	2.229	24.384	2735.58	0.559
9.680	0.84	2.683	30.734	2388.72	0.488
12.680	1.04	3.302	40.259	2007.72	0.410
16.680	1.30	4.137	52.959	1633.12	0.333
20.680	1.57	4.978	65.659	1363.98	0.279
26.680	1.92	6.096	84.709	1128.37	0.230
32.680	2.31	7.334	103.759	931.77	0.190

TABLE- 9

ALPHA=37.12

YC=0.6210 CM

UC=4408.3 CM/SEC

REC=18270.0

X(CM)	Y_1 (CM)	Y_1 /YC	X/YC	UMAX(CM/SEC)	UMAX/UC
1.130	0.61	0.977	1.820	4426.92	1.004
3.130	0.61	0.982	5.040	4275.12	0.970
5.130	0.63	1.010	8.260	3884.68	0.881
7.130	0.76	1.224	11.481	3402.48	0.772
10.130	0.96	1.547	16.312	2802.94	0.636
13.130	1.18	1.903	21.142	2364.33	0.536
17.130	1.53	2.459	27.583	1964.13	0.446
22.130	1.88	3.019	35.634	1594.71	0.362
27.130	2.18	3.510	43.685	1336.55	0.303
33.130	2.73	4.396	53.347	1126.54	0.256
39.130	3.12	5.024	63.008	972.31	0.221

TABLE-10

ALPHA=37.12

YC=1.2649 CM

UC=3710.6 CM/SEC

REC=31330.0

X(CM)	Y_1 (CM)	Y_1 /YC	X/YC	UMAX(CM/SEC)	UMAX/UC
1.050	1.02	0.806	0.830	3738.37	1.007
5.050	0.93	0.734	3.992	3444.85	0.928
9.050	1.03	0.818	7.155	2981.55	0.804
13.050	1.24	0.980	10.317	2473.76	0.667
17.050	1.49	1.177	13.479	2083.61	0.562
23.050	1.92	1.519	18.222	1652.02	0.445
29.050	2.41	1.901	22.966	1367.03	0.368
35.050	2.91	2.301	27.709	1167.99	0.315

TABLE-11

ALPHA=53.92
 YC=0.1029 CM
 UC=5120.0 CM/SEC
 REC=3516.0

X(CM)	Y_1 (CM)	Y_1 / YC	X/YC	UMAX(CM/SEC)	UMAX/UC
0.500	0.13	1.283	4.861	5091.68	0.994
1.000	0.14	1.321	9.721	4760.06	0.930
2.000	0.34	3.286	19.442	2423.16	0.473
4.000	0.53	5.123	38.884	1563.32	0.305
6.000	0.82	7.952	58.326	1360.93	0.266
9.000	1.06	10.304	87.489	1050.65	0.205
12.000	1.39	13.541	116.652	858.01	0.168
15.000	1.48	14.397	145.815	755.29	0.147

TABLE-12

ALPHA=53.92
 YC=0.2057 CM
 UC=4440.9 CM/SEC
 REC=6098.0

X(CM)	Y_1 (CM)	Y_1 / YC	X/YC	UMAX(CM/SEC)	UMAX/UC
1.100	0.29	1.397	5.347	4137.36	0.932
2.100	0.32	1.572	10.207	3754.83	0.846
4.100	0.41	1.983	19.928	2946.81	0.664
6.100	0.53	2.571	29.649	2414.63	0.544
9.100	0.72	3.509	44.231	1891.28	0.426
12.100	0.91	4.418	58.812	1545.95	0.348
16.100	1.17	5.687	78.254	1238.40	0.279
20.100	1.44	6.975	97.696	1030.83	0.232
26.100	1.86	9.041	126.859	813.51	0.183

TABLE-13

ALPHA=53.92

YC=0.3073 CM

UC=4770.1 CM/SEC

REC=9784.0

X(CM)	Y_1 (CM)	Y_1 /YC	X/YC	UMAX(CM/SEC)	UMAX/UC
1.200	0.35	1.124	3.904	4500.98	0.944
3.200	0.41	1.318	10.412	3895.34	0.817
4.200	0.46	1.485	13.666	3539.64	0.742
6.200	0.57	1.844	20.173	3002.26	0.629
8.200	0.65	2.121	26.681	2572.51	0.539
11.200	0.86	2.805	36.442	2088.49	0.438
14.200	1.06	3.433	46.203	1729.13	0.362
18.200	1.33	4.314	59.218	1445.06	0.303
22.200	1.58	5.151	72.233	1199.39	0.251
26.200	1.84	5.990	85.248	1046.68	0.219
32.200	2.28	7.402	104.770	868.68	0.182

TABLE-14

ALPHA=53.92

YC=0.6058 CM

UC=4491.8 CM/SEC

REC=18160.0

X(CM)	Y_1 (CM)	Y_1 /YC	X/YC	UMAX(CM/SEC)	UMAX/UC
1.170	0.58	0.951	1.931	4398.87	0.979
4.170	0.59	0.976	6.884	3907.84	0.870
7.170	0.74	1.223	11.836	3259.84	0.726
11.170	0.97	1.595	18.439	2481.99	0.553
15.170	1.26	2.082	25.042	2002.54	0.446
20.170	1.64	2.707	33.295	1571.24	0.350
26.170	2.19	3.623	43.200	1245.11	0.277
32.170	2.60	4.292	53.104	1030.83	0.229

TABLE-15.

ALPHA=53.92
 YC=1.2725 CM
 UC=3730.4 CM/SEC
 REC=31680.0

X(CM)	$\frac{Y_1}{2}$ (CM)	$\frac{Y_1}{2} / YC$	X/YC	UMAX(CM/SEC)	UMAX/UC
3.200	0.84	0.660	2.515	3492.40	0.936
6.200	0.92	0.722	4.872	3056.64	0.819
10.200	1.09	0.855	8.015	2531.67	0.679
14.200	1.42	1.120	11.159	2053.74	0.551
20.200	1.82	1.430	15.874	1571.24	0.421
27.200	2.34	1.839	21.375	1203.05	0.322
34.200	2.72	2.137	26.875	989.99	0.265

TABLE-16

ALPHA=70.08
 YC=0.1016 CM
 UC=5341.3 CM/SEC
 REC=3622.0

X(CM)	$\frac{Y_1}{2}$ (CM)	$\frac{Y_1}{2} / YC$	X/YC	UMAX(CM/SEC)	UMAX/UC
0.770	0.18	1.722	7.579	5144.11	0.963
1.270	0.23	2.244	12.500	4206.85	0.788
2.270	0.32	3.169	22.343	2743.20	0.514
3.270	0.46	4.508	32.185	2151.89	0.403
4.270	0.58	5.699	42.028	1880.31	0.352
5.270	0.70	6.900	51.870	1680.36	0.315
6.270	0.79	7.746	61.713	1487.42	0.278
8.270	0.93	9.114	81.398	1203.05	0.225
9.270	1.04	10.236	91.240	1095.15	0.205
11.270	1.19	11.663	110.925	941.83	0.176

TABLE-17

ALPHA=70.08
 YC=0.1956 CM
 UC=5212.1 CM/SEC
 REC=6803.0

X(CM)	Y_1 (CM)	Y_1/YC	X/YC	UMAX(CM/SEC)	UMAX/UC
1.270	0.26	1.350	6.494	4922.22	0.944
2.270	0.38	1.922	11.607	3782.26	0.726
3.270	0.45	2.291	16.720	3202.23	0.614
5.270	0.60	3.093	26.945	2490.52	0.478
7.270	0.75	3.850	37.171	2033.32	0.390
8.270	0.85	4.341	42.284	1875.74	0.360
9.270	0.94	4.827	47.397	1731.26	0.332
11.270	1.10	5.635	57.623	1508.15	0.289
14.270	1.31	6.672	72.962	1269.80	0.244
17.270	1.52	7.767	88.301	1096.37	0.210
21.270	1.81	9.265	108.753	931.77	0.179
25.270	2.13	10.916	129.205	787.60	0.151

TABLE-18

ALPHA=70.08
 YC=0.3048 CM
 UC=5144.1 CM/SEC
 REC=10460.0

X(CM)	Y_1 (CM)	Y_1/YC	X/YC	UMAX(CM/SEC)	UMAX/UC
1.000	0.36	1.175	3.281	5132.22	0.998
2.000	0.38	1.246	6.562	4820.41	0.937
3.000	0.43	1.401	9.843	4303.78	0.837
5.000	0.53	1.752	16.404	3390.29	0.659
7.000	0.75	2.451	22.966	2788.01	0.542
10.000	0.83	2.723	32.808	2143.66	0.417
13.000	0.96	3.150	42.651	1784.30	0.347
16.000	1.15	3.783	52.493	1456.33	0.283
20.000	1.35	4.429	65.617	1171.65	0.228
24.000	1.56	5.118	78.740	981.46	0.191
28.000	1.64	5.381	91.864	777.24	0.151
32.000	1.84	6.037	104.987	698.60	0.136

TABLE-19

ALPHA=70.08
 YC=0.6350 CM
 UC=4623.2 CM/SEC
 REC=19590.0

X(CM)	Y_1 (CM)	Y_1/YC	X/YC	UMAX(CM/SEC)	UMAX/UC
1.000	0.63	0.992	1.575	4592.12	0.993
2.000	0.59	0.932	3.150	4569.56	0.988
3.000	0.58	0.910	4.724	4524.15	0.979
5.000	0.62	0.970	7.874	4041.34	0.874
7.000	0.75	1.183	11.024	3361.94	0.727
10.000	1.00	1.575	15.748	2636.52	0.570
13.000	1.25	1.961	20.472	2161.64	0.468
16.000	1.47	2.323	25.197	1846.78	0.399
20.000	1.81	2.855	31.496	1505.41	0.326
24.000	2.20	3.465	37.795	1289.30	0.279
28.000	2.50	3.937	44.094	1122.88	0.243
32.000	2.90	4.559	50.394	973.36	0.211

TABLE-20

ALPHA=70.08
 YC=1.2700 CM
 UC=3947.5 CM/SEC
 REC=33460.0

X(CM)	Y_1 (CM)	Y_1/YC	X/YC	UMAX(CM/SEC)	UMAX/UC
1.500	0.89	0.701	1.181	3884.68	0.984
2.500	0.86	0.677	1.969	3858.16	0.977
4.500	0.82	0.649	3.543	3648.76	0.924
6.500	0.87	0.688	5.118	3291.23	0.834
9.500	1.03	0.813	7.480	2743.20	0.695
12.500	1.24	0.975	9.843	2273.50	0.576
15.500	1.45	1.141	12.205	1929.08	0.489
19.500	1.79	1.409	15.354	1626.72	0.412
23.500	2.11	1.661	18.504	1386.54	0.351
27.500	2.47	1.941	21.654	1206.40	0.306
31.500	2.81	2.213	24.803	1058.57	0.268

TABLE-21

ALPHA=90.00

YC=0.0991 CM

UC=5042.6 CM/SEC

REC=3334.0

X(CM)	Y_1 (CM)	Y_1/YC	X/YC	UMAX(CM/SEC)	UMAX/UC
0.500	0.10	1.001	5.047	5398.92	1.071
1.000	0.13	1.267	10.095	4703.06	0.933
1.500	0.26	2.668	15.142	3016.00	0.598
2.000	0.40	3.998	20.190	2273.50	0.451
2.500	0.45	4.512	25.237	2012.90	0.399
3.000	0.49	4.967	30.285	1757.36	0.345
3.500	0.56	5.663	35.332	1521.56	0.302
4.500	0.67	6.723	45.427	1236.88	0.245
6.500	0.84	8.530	65.617	886.36	0.176
8.500	1.03	10.418	85.807	719.02	0.143
10.500	1.08	10.852	105.996	612.95	0.122

TABLE-22

ALPHA=90.00

YC=0.1956 CM

UC=5379.7 CM/SEC

REC=7022.0

X(CM)	Y_1 (CM)	Y_1/YC	X/YC	UMAX(CM/SEC)	UMAX/UC
1.800	0.40	2.030	9.203	4015.74	0.746
3.800	0.44	2.250	19.429	2490.52	0.463
4.800	0.53	2.689	24.542	2093.37	0.389
5.800	0.59	3.017	29.655	1841.30	0.342
6.800	0.66	3.375	34.768	1652.02	0.307
7.800	0.76	3.881	39.881	1394.16	0.259
8.800	0.85	4.346	44.994	1269.80	0.236
9.800	0.88	4.525	50.107	1220.11	0.227
10.800	0.96	4.908	55.220	1150.32	0.214
11.800	1.01	5.164	60.333	1075.94	0.200
13.800	1.21	6.187	70.559	862.58	0.160
15.800	1.36	6.979	80.785	760.78	0.141
18.800	1.48	7.567	96.124	643.13	0.120

TABLE-23

ALPHA=90.00

YC=0.2921 CM

UC=5263.2 CM/SEC

REC=10260.0

X(CM)	Y ₁ (CM)	Y ₁ /YC	X/YC	UMAX(CM/SEC)	UMAX/UC
1.200	0.32	1.085	4.108	5263.29	1.000
2.200	0.36	1.219	7.532	4811.88	0.914
3.200	0.40	1.376	10.955	4265.37	0.810
4.200	0.45	1.541	14.379	3749.34	0.712
6.200	0.62	2.109	21.226	3002.28	0.570
7.200	0.67	2.294	24.649	2727.96	0.518
9.200	0.81	2.790	31.496	2318.31	0.440
11.200	0.89	3.047	38.343	2018.08	0.383
12.200	0.66	2.246	41.767	1874.82	0.356
15.200	1.16	3.971	52.037	1574.29	0.299
18.200	1.34	4.605	62.307	1333.50	0.253
21.200	1.49	5.101	72.578	1152.14	0.219
24.200	1.68	5.751	82.848	1016.81	0.193
28.200	1.92	6.556	96.542	909.22	0.173

TABLE-24

ALPHA=90.00

YC=0.5842 CM

UC=4884.4 CM/SEC

REC=19040.0

X(CM)	Y ₁ (CM)	Y ₁ /YC	X/YC	UMAX(CM/SEC)	UMAX/UC
2.200	0.53	0.902	3.766	4858.82	0.995
3.200	0.52	0.887	5.478	4725.31	0.967
4.200	0.55	0.938	7.189	4398.87	0.901
6.200	0.65	1.116	10.613	3648.76	0.747
8.200	0.81	1.388	14.036	3023.01	0.619
12.200	1.04	1.780	20.883	2300.63	0.471
15.200	1.25	2.143	26.018	1907.44	0.391
18.200	1.43	2.451	31.154	1620.32	0.332
21.200	1.67	2.859	36.289	1396.90	0.286
24.200	1.82	3.115	41.424	1220.11	0.250
28.200	2.05	3.509	48.271	1032.97	0.211

TABLE-25

ALPHA=90.00

YC=1.2573 CM

UC=4093.5 CM/SEC

REC=34350.0

X(CM)	$\frac{Y_1}{Y_c}$ (CM)	$\frac{Y_1}{Y_c} / YC$	X/YC	UMAX(CM/SEC)	UMAX/UC
1.150	0.86	0.684	0.915	4107.18	1.003
2.150	0.82	0.655	1.710	4041.34	0.987
3.150	0.76	0.608	2.505	4015.74	0.981
4.150	0.75	0.600	3.301	3868.83	0.945
6.150	0.84	0.670	4.891	3456.74	0.844
8.150	0.97	0.768	6.482	3002.28	0.733
12.150	1.28	1.018	9.664	2264.36	0.553
15.150	1.42	1.129	12.050	1944.93	0.475
18.150	1.64	1.306	14.436	1676.70	0.410
21.150	1.82	1.450	16.822	1466.39	0.358
24.150	2.08	1.654	19.208	1302.11	0.318

TABLE A-26

ALPHA=11.25
 YC=0.3327 CM
 CS=0.703

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	7.0300	9.1500	0.7683	0.0000	1.0929
0.0000	6.1000	8.1000	0.7531	0.0000	1.0712
0.0000	5.5500	8.2000	0.6768	0.0000	0.9628
1.7780	7.7500	12.0500	0.6432	5.3435	0.9149
1.7780	7.5000	10.8700	0.6900	5.3435	0.9815
1.7780	7.5500	10.7800	0.7004	5.3435	0.9962
4.5720	7.7000	12.0500	0.6390	13.7405	0.9090
4.5720	7.5000	10.8500	0.6912	13.7405	0.9833
4.5720	7.5000	11.2500	0.6667	13.7405	0.9483
8.5852	5.5000	10.9000	0.5046	25.8015	0.7178
8.5852	4.9000	9.6500	0.5078	25.8015	0.7223
8.5852	5.2900	10.8000	0.4898	25.8015	0.6967
12.4460	4.7500	11.4000	0.4167	37.4046	0.5927
12.4460	4.6000	12.0600	0.3814	37.4046	0.5426
12.4460	4.1000	10.0000	0.4100	37.4046	0.5832
12.4460	4.4500	10.7000	0.4159	37.4046	0.5916
17.3990	3.9500	11.1500	0.3543	52.2901	0.5039
17.3990	3.8500	10.9500	0.3516	52.2901	0.5001
22.6060	3.6000	11.5000	0.3130	67.9389	0.4453
22.6060	3.4000	10.6000	0.3208	67.9389	0.4563
22.6060	3.5000	11.0500	0.3167	67.9389	0.4506
29.7180	2.9500	11.1000	0.2658	89.3130	0.3780
29.7180	2.8500	10.7000	0.2664	89.3130	0.3789
36.5252	2.5500	11.3500	0.2247	109.7710	0.3196
36.5252	2.5000	11.0000	0.2273	109.7710	0.3233
46.6090	2.0000	10.6500	0.1878	140.0763	0.2671
46.6090	2.0500	10.8000	0.1898	140.0763	0.2700
56.5404	1.7500	11.5000	0.1522	169.9237	0.2165
56.5404	1.7500	11.3500	0.1542	169.9237	0.2193

TABLE A-27

ALPHA=11.25
 YC=0.3327 CM
 CS=0.820

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	7.5000	8.8000	0.8523	0.0000	1.0394
0.0000	8.6000	10.1000	0.8515	0.0000	1.0384
0.0000	3.9000	6.0000	0.6500	0.0000	0.7927
0.0000	4.6500	7.1000	0.6549	0.0000	0.7987
4.5720	7.6000	10.9000	0.6972	13.7405	0.8503
4.5720	7.4500	10.7000	0.6963	13.7405	0.8491
8.5852	5.7500	10.8000	0.5324	25.8015	0.6493
8.5852	5.5500	10.6500	0.5211	25.8015	0.6355
12.4460	4.4500	10.9000	0.4083	37.4046	0.4979
12.4460	4.4500	10.6000	0.4198	37.4046	0.5120
17.3990	3.3500	10.6000	0.3160	52.2901	0.3854
17.3990	3.8500	10.8000	0.3565	52.2901	0.4347
22.6060	3.5000	11.0500	0.3167	67.9389	0.3863
22.6060	3.4000	10.9000	0.3119	67.9389	0.3804
29.7180	2.8000	10.6000	0.2642	89.3130	0.3221
29.7180	2.9000	11.0000	0.2636	89.3130	0.3215
36.5252	2.4000	11.3000	0.2124	109.7710	0.2590
36.5252	2.3700	11.0500	0.2145	109.7710	0.2616
46.6090	1.9000	11.0000	0.1727	140.0763	0.2106
46.6090	2.0000	10.9000	0.1835	140.0763	0.2238
56.5404	2.0000	11.4000	0.1754	169.9237	0.2139
56.5404	1.8500	11.5500	0.1602	169.9237	0.1953
56.5404	1.8500	11.3000	0.1637	169.9237	0.1997
56.5404	1.8000	11.0000	0.1636	169.9237	0.1996

TABLE A-28

ALPHA=11.25
 YC=0.6325 CM
 CS=0.510

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	2.6500	5.2500	0.5048	0.0000	0.9897
0.0000	3.4000	6.8000	0.5000	0.0000	0.9804
0.0000	4.7500	9.8600	0.4817	0.0000	0.9446
0.0000	5.6500	12.3500	0.4575	0.0000	0.8970
3.1242	5.4000	10.5000	0.5143	4.9398	1.0084
3.1242	5.8500	11.9500	0.4895	4.9398	0.9599
3.1242	5.7000	11.4000	0.5000	4.9398	0.9804
5.9182	5.0000	11.0000	0.4545	9.3574	0.8913
5.9182	5.0500	11.2000	0.4509	9.3574	0.8841
9.9060	4.5500	11.8500	0.3840	15.6627	0.7529
9.9060	4.2000	10.7000	0.3925	15.6627	0.7697
13.7922	3.8700	10.1500	0.3813	21.8072	0.7476
13.7922	3.8000	11.2000	0.3393	21.8072	0.6653
18.7452	3.1500	10.6000	0.2972	29.6386	0.5827
18.7452	3.1500	11.1500	0.2825	29.6386	0.5539
18.7452	2.9000	10.7000	0.2710	29.6386	0.5314
23.9522	2.8000	10.8000	0.2593	37.8715	0.5084
23.9522	3.0000	12.2000	0.2459	37.8715	0.4822
23.9522	2.9000	13.5000	0.2148	37.8715	0.4212
23.9522	1.8500	11.7000	0.1581	37.8715	0.3100
23.9522	2.6000	11.0000	0.2364	37.8715	0.4635
23.9522	2.4000	11.2000	0.2143	37.8715	0.4202
31.0642	2.6000	12.5500	0.2072	49.1165	0.4062
31.0642	2.4500	12.1000	0.2025	49.1165	0.3970
31.0642	2.3000	10.8000	0.2130	49.1165	0.4176
31.0642	2.0000	10.3000	0.1942	49.1165	0.3807
37.8460	2.4000	13.0000	0.1846	59.8394	0.3620
37.8460	2.0700	11.9000	0.1739	59.8394	0.3411
37.8460	2.0700	10.9500	0.1890	59.8394	0.3707
37.8460	2.1000	11.9000	0.1765	59.8394	0.3460
47.9552	1.7000	12.3000	0.1382	75.8233	0.2710
47.9552	1.8000	12.2000	0.1475	75.8233	0.2893
57.8866	1.5500	11.5000	0.1348	91.5261	0.2643
57.8866	1.3500	10.5000	0.1286	91.5261	0.2521

TABLE A-29

ALPHA=11.25
 YC=0.6325 CM
 CS=0.509

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	3.7500	7.9000	0.4747	0.0000	0.9326
0.0000	4.5000	9.8000	0.4592	0.0000	0.9021
0.0000	8.5000	16.0000	0.5313	0.0000	1.0437
0.0000	6.2500	11.7000	0.5342	0.0000	1.0495
0.0000	7.6000	14.3500	0.5296	0.0000	1.0405
3.1242	5.2500	10.7000	0.4907	4.9398	0.9640
3.1242	5.2700	10.9500	0.4813	4.9398	0.9455
5.9182	5.4000	11.4000	0.4737	9.3574	0.9306
5.9182	5.2700	11.3000	0.4664	9.3574	0.9163
9.9060	4.5000	11.3500	0.3965	15.6627	0.7789
9.9060	4.4500	11.1000	0.4009	15.6627	0.7876
13.7922	3.3500	10.1000	0.3317	21.8072	0.6516
13.7922	3.5500	10.9500	0.3242	21.8072	0.6369
18.7452	3.1000	11.6000	0.2672	29.6386	0.5250
18.7452	3.1000	10.0000	0.3100	29.6386	0.6090
18.7452	3.0700	10.5500	0.2910	29.6386	0.5717
23.9522	2.7000	11.5000	0.2348	37.8715	0.4613
23.9522	2.1100	7.7000	0.2740	37.8715	0.5384
23.9522	2.9000	10.9000	0.2661	37.8715	0.5227
31.0642	2.3500	11.6000	0.2026	49.1165	0.3980
31.0642	2.4000	11.1000	0.2162	49.1165	0.4248
31.0642	2.2500	11.1500	0.2018	49.1165	0.3965
37.8460	2.1000	11.2000	0.1875	59.8394	0.3684
37.8460	2.0000	9.5000	0.2105	59.8394	0.4136
37.8460	2.0000	10.3000	0.1942	59.8394	0.3815
47.9552	1.8000	11.4000	0.1579	75.8233	0.3102
47.9552	1.6500	10.9000	0.1514	75.8233	0.2974
57.8866	1.6500	10.7000	0.1542	91.5261	0.3030
57.8866	1.7200	10.8000	0.1593	91.5261	0.3129

TABLE A-30

ALPHA=11.25
 YC=1.2675 CM
 CS=0.345

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	3.8000	11.9000	0.3193	0.0000	0.9256
0.0000	1.9000	6.3000	0.3016	0.0000	0.8742
0.0000	2.3000	8.1500	0.2822	0.0000	0.8180
0.0000	2.0000	6.3700	0.3140	0.0000	0.9101
6.1722	3.9000	11.4000	0.3421	4.8697	0.9916
6.1722	3.7500	10.5000	0.3571	4.8697	1.0352
8.9662	3.4700	11.0700	0.3135	7.0741	0.9086
8.9662	3.7000	10.9000	0.3394	7.0741	0.9839
12.9540	3.1000	11.4000	0.2719	10.2204	0.7882
12.9540	3.2000	11.8000	0.2712	10.2204	0.7860
16.8402	2.9000	11.0000	0.2636	13.2866	0.7642
16.8402	2.7000	11.2000	0.2411	13.2866	0.6988
21.7932	2.3500	11.1000	0.2117	17.1944	0.6137
21.7932	2.4000	11.0500	0.2172	17.1944	0.6295
27.0002	2.2000	11.5000	0.1913	21.3026	0.5545
27.0002	2.0000	10.8000	0.1852	21.3026	0.5368
27.0002	2.0000	10.8000	0.1852	21.3026	0.5368
34.1122	1.8000	10.5000	0.1714	26.9138	0.4969
34.1122	1.7500	10.9500	0.1598	26.9138	0.4632
34.1122	1.6700	9.9000	0.1687	26.9138	0.4889
51.0032	1.6000	10.9000	0.1468	40.2405	0.4255
51.0032	1.6000	11.0000	0.1455	40.2405	0.4216
51.0032	1.6000	11.0000	0.1455	40.2405	0.4216
60.9346	1.4700	11.1000	0.1324	48.0762	0.3839
60.9346	1.4000	11.0000	0.1273	48.0762	0.3689

TABLE A-31

ALPHA=11.25
 YC=1.2675 CM
 CS=0.328

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	2.2000	8.4000	0.2619	0.0000	0.7985
6.1722	3.5000	10.8000	0.3241	4.8697	0.9880
6.1722	3.7000	11.2500	0.3289	4.8697	1.0027
8.9662	3.3500	11.0000	0.3045	7.0741	0.9285
8.9662	3.5000	11.3000	0.3097	7.0741	0.9443
12.9540	2.6700	11.4000	0.2342	10.2204	0.7141
12.9540	2.6500	11.3000	0.2345	10.2204	0.7150
16.8402	2.7500	11.3000	0.2434	13.2866	0.7420
16.8402	2.3000	9.4000	0.2447	13.2866	0.7460
21.7932	2.3700	11.0000	0.2155	17.1944	0.6569
21.7932	2.3000	10.6000	0.2170	17.1944	0.6615
27.0002	2.2700	11.7500	0.1932	21.3026	0.5890
27.0002	2.1700	11.2000	0.1937	21.3026	0.5907
34.1122	1.9000	11.1000	0.1712	26.9138	0.5219
34.1122	2.1000	11.2000	0.1875	26.9138	0.5716
34.1122	1.6500	10.5000	0.1571	26.9138	0.4791
40.8940	1.7500	11.7000	0.1496	32.2645	0.4560
40.8940	1.7500	11.6000	0.1509	32.2645	0.4599
51.0032	1.6000	11.8500	0.1350	40.2405	0.4116
51.0032	1.4000	10.7000	0.1308	40.2405	0.3989
60.9346	1.3000	10.3000	0.1262	48.0762	0.3848
60.9346	1.3000	9.9000	0.1313	48.0762	0.4003

TABLE A-32

ANGLE=37.12

YC=0.3175 CM

CS=0.819

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	6.3000	7.0700	0.8911	0.0000	1.0880
0.0000	7.2000	8.3000	0.8675	0.0000	1.0592
0.0000	7.4000	8.4000	0.8810	0.0000	1.0756
0.0000	8.0000	9.1500	0.8743	0.0000	1.0675
0.0000	7.7500	9.6500	0.8031	0.0000	0.9806
0.4572	7.5500	10.2000	0.7402	1.4400	0.9038
0.4572	7.8500	9.8000	0.8010	1.4400	0.9780
0.4572	8.1500	10.2000	0.7990	1.4400	0.9756
2.4257	6.8000	8.0000	0.8500	7.6400	1.0379
2.4257	7.6000	10.3000	0.7379	7.6400	0.9009
4.3180	7.8500	10.8000	0.7269	13.6000	0.8875
4.3180	6.0000	10.6500	0.5634	13.6000	0.6879
8.2550	6.4000	11.1000	0.5766	26.0000	0.7040
8.2550	4.5500	9.7000	0.4691	26.0000	0.5727
12.2174	5.2000	11.6000	0.4483	38.4800	0.5473
12.2174	5.1500	11.2000	0.4598	38.4800	0.5614
16.3322	3.4500	9.2000	0.3750	51.4400	0.4579
16.3322	3.8500	11.0000	0.3500	51.4400	0.4274
22.4028	2.8500	9.8500	0.2893	70.5600	0.3533
22.4028	3.4000	11.6000	0.2931	70.5600	0.3579
22.4028	2.8000	11.6000	0.2414	70.5600	0.2947
28.4480	2.7000	11.2000	0.2411	89.6000	0.2943
28.4480	2.4000	9.7000	0.2474	89.6000	0.3021
34.3662	2.3000	10.8000	0.2130	108.2400	0.2600
34.3662	2.3000	10.9000	0.2110	108.2400	0.2576
40.2082	2.2000	11.2000	0.1964	126.6400	0.2398
40.2082	2.2000	11.6000	0.1897	126.6400	0.2316

TABLE A-33

ANGLE=37.12
 YC=0.3175 CM
 CS=0.868

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	10.3500	12.0000	0.8625	0.0000	0.9937
0.0000	9.6500	11.3000	0.8540	0.0000	0.9839
0.0000	10.9500	12.4000	0.8831	0.0000	1.0174
0.4572	10.6000	12.7000	0.8346	1.4400	0.9616
0.4572	10.5000	13.0000	0.8077	1.4400	0.9305
0.4572	10.1500	12.5500	0.8088	1.4400	0.9318
2.4257	9.6000	11.5000	0.8348	7.6400	0.9617
2.4257	10.1500	12.2500	0.8286	7.6400	0.9546
4.3180	9.3000	12.3000	0.7561	13.6000	0.8711
4.3180	10.1000	13.5100	0.7476	13.6000	0.8613
8.2550	7.6000	13.2000	0.5758	26.0000	0.6633
8.2550	5.9000	11.6000	0.5086	26.0000	0.5860
8.2550	6.8500	11.9000	0.5756	26.0000	0.6632
12.2174	5.5000	11.7000	0.4701	38.4800	0.5416
12.2174	5.3500	11.3500	0.4714	38.4800	0.5430
16.3322	4.4000	11.6000	0.3793	51.4400	0.4370
16.3322	4.6000	10.4000	0.4423	51.4400	0.5096
22.4028	3.4000	11.5000	0.2957	70.5600	0.3406
22.4028	3.2000	10.4000	0.3077	70.5600	0.3545
28.4480	2.7000	11.0000	0.2455	89.6000	0.2828
28.4480	2.9000	10.8000	0.2685	89.6000	0.3094
34.3662	2.3500	10.9000	0.2156	108.2400	0.2484
34.3662	2.3000	11.0000	0.2091	108.2400	0.2409
40.2082	2.0000	11.3000	0.1770	126.6400	0.2039
40.2082	2.1000	11.5000	0.1826	126.6400	0.2104

TABLE A-34

ANGLE=37.12

YC=0.6350 CM

CS=0.480

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	3.6000	7.7000	0.4675	0.0000	0.9740
0.0000	2.4000	5.3000	0.4528	0.0000	0.9434
0.0000	4.1000	8.5500	0.4795	0.0000	0.9990
0.8890	5.2000	11.0000	0.4727	1.4000	0.9848
0.8890	5.2500	11.2000	0.4687	1.4000	0.9766
2.8702	5.5500	11.5000	0.4826	4.5200	1.0054
2.8702	5.3000	11.6000	0.4569	4.5200	0.9519
4.7752	5.1500	10.8000	0.4769	7.5200	0.9934
4.7752	5.3500	11.1000	0.4820	7.5200	1.0041
8.7122	4.5000	11.5000	0.3913	13.7200	0.8152
8.7122	4.3500	11.0000	0.3955	13.7200	0.8239
12.6746	3.7000	11.5500	0.3203	19.9600	0.6674
12.6746	3.3500	11.0500	0.3032	19.9600	0.6316
16.7894	3.0000	11.5000	0.2609	26.4400	0.5435
16.7894	2.8700	11.4000	0.2518	26.4400	0.5245
22.8600	2.1000	11.0000	0.1909	36.0000	0.3977
22.8600	2.1000	11.0000	0.1909	36.0000	0.3977
28.9052	1.7500	11.1000	0.1577	45.5200	0.3285
28.9052	2.0000	11.7000	0.1709	45.5200	0.3561
34.7980	1.6000	11.6000	0.1379	54.8000	0.2874
34.7980	1.6500	11.5000	0.1435	54.8000	0.2989
40.6400	1.4500	11.4000	0.1272	64.0000	0.2650
40.6400	1.4000	11.5000	0.1217	64.0000	0.2536

TABLE A-35

ANGLE=37.12
 YC=0.6350 CM
 CS=0.502

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	2.8000	5.5000	0.5091	0.0000	1.0141
0.0000	4.5000	8.9000	0.5056	0.0000	1.0072
0.0000	4.6500	9.3500	0.4973	0.0000	0.9907
0.8890	3.7000	7.8000	0.4744	1.4000	0.9449
0.8890	5.7000	12.1000	0.4711	1.4000	0.9384
0.8890	5.8000	12.7000	0.4567	1.4000	0.9097
2.8702	5.6000	11.5000	0.4870	4.5200	0.9700
2.8702	5.7000	11.3000	0.5044	4.5200	1.0048
4.7752	5.1000	10.6500	0.4789	7.5200	0.9539
4.7752	5.8000	12.3000	0.4715	7.5200	0.9393
8.7122	5.0000	12.1500	0.4115	13.7200	0.8198
8.7122	4.8000	12.5000	0.3840	13.7200	0.7649
12.6746	3.8500	12.8000	0.3008	19.9600	0.5992
12.6746	3.6500	12.6500	0.2885	19.9600	0.5748
16.7894	2.8000	11.4000	0.2456	26.4400	0.4893
16.7894	3.0000	12.6000	0.2381	26.4400	0.4743
22.8600	2.3500	12.6000	0.1865	36.0000	0.3715
22.8600	2.3500	12.6000	0.1865	36.0000	0.3715
28.9052	2.0000	12.5500	0.1594	45.5200	0.3175
28.9052	1.8000	11.3000	0.1593	45.5200	0.3173
34.7980	1.6000	10.4000	0.1538	54.8000	0.3065
34.7980	1.3000	11.8000	0.1102	54.8000	0.2195
34.7980	1.7000	11.5000	0.1478	54.8000	0.2945
40.6400	1.5000	11.4000	0.1316	64.0000	0.2621
40.6400	1.4000	10.9000	0.1284	64.0000	0.2559

TABLE A-36

ANGLE=37.12
 YC=1.2675 CM
 CS=0.384

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	3.6500	9.0000	0.4056	0.0000	1.0561
0.0000	2.7500	7.5500	0.3642	0.0000	0.9485
0.0000	2.6500	7.0000	0.3786	0.0000	0.9859
1.7145	4.2500	11.3000	0.3761	1.3527	0.9794
1.7145	4.0500	10.8500	0.3733	1.3527	0.9721
3.7084	4.2000	11.0000	0.3818	2.9259	0.9943
3.7084	4.2000	11.2500	0.3733	2.9259	0.9722
5.5880	4.1000	10.8000	0.3796	4.4088	0.9886
5.5880	4.3000	11.5000	0.3739	4.4088	0.9737
9.5250	3.9000	10.8500	0.3594	7.5150	0.9361
9.5250	3.9000	10.9000	0.3578	7.5150	0.9318
13.4874	3.4500	10.9000	0.3165	10.6413	0.8243
13.4874	3.6000	11.6000	0.3103	10.6413	0.8082
17.6022	3.0000	11.3000	0.2655	13.8878	0.6914
17.6022	3.0000	11.3000	0.2655	13.8878	0.6914
23.6728	2.4700	11.2500	0.2196	18.6774	0.5718
23.6728	2.1000	10.0000	0.2100	18.6774	0.5469
29.7180	1.9000	11.5000	0.1652	23.4469	0.4303
29.7180	1.9000	11.7000	0.1624	23.4469	0.4229
35.6362	1.7000	11.2000	0.1518	28.1162	0.3953
35.6362	1.7000	11.4000	0.1491	28.1162	0.3883
41.4782	1.4700	11.6500	0.1262	32.7255	0.3286
41.4782	1.5000	11.6000	0.1293	32.7255	0.3367

TABLE A-37

ANGLE=37.12
 YC=1.2675 CM
 CS=0.392

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	3.3000	9.2000	0.3587	0.0000	0.9150
0.0000	2.2000	9.2000	0.2391	0.0000	0.6100
1.7145	4.2000	11.1000	0.3784	1.3527	0.9653
1.7145	4.3200	11.6000	0.3724	1.3527	0.9500
3.7084	4.3000	11.1000	0.3874	2.9259	0.9882
3.7084	4.4000	11.2000	0.3929	2.9259	1.0022
5.5880	4.3200	11.3000	0.3823	4.4088	0.9753
5.5880	4.4500	11.5000	0.3870	4.4088	0.9871
9.5250	3.8000	10.5000	0.3619	7.5150	0.9232
9.5250	4.2500	11.5000	0.3696	7.5150	0.9428
13.4874	3.6500	11.2000	0.3259	10.6413	0.8314
13.4874	3.6500	11.2000	0.3259	10.6413	0.8314
17.6022	3.0000	11.3000	0.2655	13.8878	0.6773
17.6022	3.0500	11.3000	0.2699	13.8878	0.6885
23.6728	2.3000	11.3000	0.2035	18.6774	0.5192
23.6728	2.2700	11.2500	0.2018	18.6774	0.5147
29.7180	1.8000	11.4000	0.1579	23.4469	0.4028
29.7180	1.8000	10.8500	0.1659	23.4469	0.4232
35.6362	1.6000	10.8000	0.1481	28.1162	0.3779
35.6362	1.6000	10.7500	0.1488	28.1162	0.3797
41.4782	1.5000	11.5000	0.1304	32.7255	0.3327
41.4782	1.4300	11.0500	0.1294	32.7255	0.3301

TABLE A-38

ANGLE=53.92
 YC=0.3277 CM
 CS=0.813

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	8.1500	9.7500	0.8359	0.0000	1.0282
0.0000	9.4000	11.8000	0.7966	0.0000	0.9798
0.0000	9.5000	11.8000	0.8051	0.0000	0.9903
0.8763	9.7500	12.3000	0.7927	2.6744	0.9750
0.8763	9.7000	11.7000	0.8291	2.6744	1.0198
2.9464	9.4000	12.8000	0.7344	8.9922	0.9033
2.9464	8.4500	11.0000	0.7682	8.9922	0.9449
5.2070	8.2500	12.0000	0.6875	15.8915	0.8456
5.2070	8.2000	12.0000	0.6833	15.8915	0.8405
8.1280	5.4000	9.8000	0.5510	24.8062	0.6778
8.1280	6.7000	12.3000	0.5447	24.8062	0.6700
11.1252	4.8000	11.2000	0.4286	33.9535	0.5271
11.1252	4.9000	11.5000	0.4261	33.9535	0.5241
15.2654	4.2500	11.9000	0.3571	46.5891	0.4393
15.2654	3.3000	9.0000	0.3667	46.5891	0.4510
19.2532	3.7000	12.0000	0.3083	58.7597	0.3793
19.2532	3.7000	12.1000	0.3058	58.7597	0.3761
25.0952	3.1000	12.4000	0.2500	76.5891	0.3075
25.0952	3.0500	12.3000	0.2480	76.5891	0.3050
30.9880	2.6000	12.1000	0.2149	94.5736	0.2643
30.9880	2.5000	12.0000	0.2083	94.5736	0.2563

TABLE A-39

ANGLE=53.92
 YC=0.3277 CM
 CS=0.763

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	7.1000	8.8000	0.8068	0.0000	1.0574
0.0000	7.8500	9.8000	0.8010	0.0000	1.0498
0.0000	9.3500	12.3000	0.7602	0.0000	0.9963
0.0000	9.1000	12.2000	0.7459	0.0000	0.9776
0.8763	9.5000	12.6000	0.7540	2.6744	0.9882
0.8763	8.2000	11.0000	0.7455	2.6744	0.9770
2.9464	9.1000	12.1000	0.7521	8.9922	0.9857
2.9464	9.2000	12.2000	0.7541	8.9922	0.9883
5.2070	8.3000	12.4000	0.6694	15.8915	0.8773
5.2070	5.6000	8.3000	0.6747	15.8915	0.8843
8.1280	6.6000	12.8000	0.5156	24.8062	0.6758
8.1280	5.9500	10.9500	0.5434	24.8062	0.7122
8.1280	5.9500	11.1500	0.5336	24.8062	0.6994
11.1252	5.1000	12.1000	0.4215	33.9535	0.5524
11.1252	5.3000	12.7000	0.4173	33.9535	0.5469
15.2654	3.8000	10.5000	0.3619	46.5891	0.4743
15.2654	4.0000	12.2500	0.3265	46.5891	0.4280
19.2532	3.5000	12.5000	0.2800	58.7597	0.3670
19.2532	2.9000	10.1500	0.2857	58.7597	0.3745
19.2532	2.9500	10.8000	0.2731	58.7597	0.3580
25.0952	3.0500	12.6000	0.2421	76.5891	0.3173
25.0952	3.0000	12.5500	0.2390	76.5891	0.3133
30.9880	2.5000	12.2000	0.2049	94.5736	0.2686
30.9880	2.1000	10.7000	0.1963	94.5736	0.2572

TABLE A-40

YC=0.6350 CM

CS=0.493

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	8.2500	17.0300	0.4844	0.0000	0.9826
0.0000	7.4000	15.1800	0.4875	0.0000	0.9888
0.2540	5.6500	11.7000	0.4829	0.4000	0.9795
0.2540	5.2000	10.7500	0.4837	0.4000	0.9812
1.1303	5.3000	11.1000	0.4775	1.7800	0.9685
1.1303	5.4800	11.5000	0.4765	1.7800	0.9666
3.2004	5.7000	11.4500	0.4978	5.0400	1.0098
3.2004	4.9000	9.9000	0.4949	5.0400	1.0040
5.4610	5.5000	11.1700	0.4924	8.6000	0.9988
5.4610	5.2900	10.7100	0.4939	8.6000	1.0019
8.3820	3.7500	9.9000	0.3788	13.2000	0.7683
8.3820	4.5000	11.0000	0.4091	13.2000	0.8298
11.3792	3.4100	10.3200	0.3304	17.9200	0.6702
11.3792	3.0000	9.3300	0.3215	17.9200	0.6522
15.5194	3.3000	12.6000	0.2619	24.4400	0.5312
15.5194	3.1000	11.8800	0.2609	24.4400	0.5293
19.5072	2.4500	11.4500	0.2140	30.7200	0.4340
19.5072	2.7000	12.4500	0.2169	30.7200	0.4399
25.3492	2.0000	11.8500	0.1688	39.9200	0.3423
25.3492	1.9800	11.9300	0.1660	39.9200	0.3366
31.2420	1.5000	11.1800	0.1342	49.2000	0.2721
31.2420	1.4000	11.1000	0.1261	49.2000	0.2558

TABLE A-41

ANGLE=53.92
 YC=0.6350 CM
 CS=0.470

X(CM)	P=ACT	P=AIR	CW	X/YC	CW/CS
0.0000	2.8000	5.5000	0.5091	0.0000	1.0832
0.0000	4.9000	9.8500	0.4975	0.0000	1.0584
0.0000	4.0000	8.1000	0.4938	0.0000	1.0507
0.2540	4.5000	9.4800	0.4747	0.4000	1.0100
0.2540	3.8500	8.3000	0.4639	0.4000	0.9869
1.1303	4.0000	11.0000	0.3636	1.7800	0.7737
1.1303	3.6000	10.6000	0.3396	1.7800	0.7226
3.2004	4.5000	10.6000	0.4245	5.0400	0.9033
3.2004	3.5500	9.5000	0.3737	5.0400	0.7951
3.2004	4.1000	9.3000	0.4409	5.0400	0.9380
5.4610	4.8500	12.5000	0.3880	8.6000	0.8255
5.4610	5.1000	11.1000	0.4595	8.6000	0.9776
8.3820	3.1000	8.4000	0.3690	13.2000	0.7852
8.3820	3.0000	8.8000	0.3409	13.2000	0.7253
11.3792	3.1800	11.1000	0.2865	17.9200	0.6095
11.3792	2.9000	9.5000	0.3053	17.9200	0.6495
15.5194	2.2800	9.7500	0.2338	24.4400	0.4975
15.5194	1.6000	6.9500	0.2302	24.4400	0.4898
19.5072	1.7000	7.1500	0.2378	30.7200	0.5059
19.5072	1.5000	7.7000	0.1948	30.7200	0.4145
19.5072	1.6000	9.6000	0.1667	30.7200	0.3546
25.3492	1.6500	10.3000	0.1602	39.9200	0.3408
25.3492	1.4000	10.0000	0.1400	39.9200	0.2979
25.3492	0.9900	7.0000	0.1414	39.9200	0.3009
31.2420	1.1000	10.1000	0.1089	49.2000	0.2317
31.2420	1.2500	10.9500	0.1142	49.2000	0.2429

TABLE A-42

ANGLE=53.92
 YC=1.2675 CM
 CS=0.334

X(CM)	P=ACT	P=AIR	CW	X/YC	CW/CS
0.0000	2.1500	6.5500	0.3282	0.0000	0.9828
0.0000	5.4500	15.7000	0.3471	0.0000	1.0393
0.6604	4.3000	13.0000	0.3308	0.5210	0.9903
0.6604	3.9000	11.0500	0.3529	0.5210	1.0567
0.6604	3.0300	10.6000	0.2858	0.5210	0.8558
0.6604	4.2900	13.7000	0.3131	0.5210	0.9375
3.6068	3.8000	12.3000	0.3089	2.8457	0.9250
5.8674	3.6000	13.5000	0.2667	4.6293	0.7984
8.5344	2.3000	9.5000	0.2421	6.7335	0.7249
11.7856	2.1200	7.2500	0.2924	9.2986	0.8755
15.9258	2.8000	12.8000	0.2188	12.5651	0.6549
19.9136	2.3000	12.5000	0.1840	15.7114	0.5509
25.7556	1.8000	13.1000	0.1374	20.3206	0.4114
31.6484	1.5000	12.5000	0.1200	24.9699	0.3593

TABLE A-43

ANGLE=53.92

YC=1.2675 CM

CS=0.358

X (CM)	P=ACT	P=AIR	CW	X/YC	CW/CS
0.0000	3.5500	9.6000	0.3698	0.0000	1.0329
0.0000	3.1500	8.6000	0.3663	0.0000	1.0231
0.0000	2.3500	6.4000	0.3672	0.0000	1.0257
0.6604	4.8000	13.3800	0.3587	0.5210	1.0021
0.6604	4.4000	12.3000	0.3577	0.5210	0.9992
1.5367	4.4500	12.6000	0.3532	1.2124	0.9865
1.5367	4.4500	12.5000	0.3560	1.2124	0.9944
3.6068	4.5500	12.8500	0.3541	2.8457	0.9891
3.6068	4.4200	12.8500	0.3440	2.8457	0.9608
5.8674	3.6000	9.9000	0.3636	4.6293	1.0157
5.8674	4.3000	12.5000	0.3440	4.6293	0.9609
8.5344	3.9000	12.4000	0.3145	6.7335	0.8785
8.5344	4.0500	12.5500	0.3227	6.7335	0.9014
11.7856	3.5500	12.9500	0.2741	9.2986	0.7657
11.7856	3.0000	11.6000	0.2586	9.2986	0.7224
15.9258	2.9300	13.0700	0.2242	12.5651	0.6262
15.9258	2.8300	12.6000	0.2246	12.5651	0.6274
19.9136	2.4000	12.7000	0.1890	15.7114	0.5279
19.9136	2.5000	13.2000	0.1894	15.7114	0.5290
25.7556	1.9000	13.0000	0.1462	20.3206	0.4083
25.7556	1.9000	13.0000	0.1462	20.3206	0.4083
31.6484	1.7000	13.2000	0.1288	24.9699	0.3597
31.6484	1.6000	12.8000	0.1250	24.9699	0.3492

TABLE A-44

ANGLE=53.92
 YC=1.2675 CM
 CS=0.359

X(CM)	P=ACT	P=AIR	CW	X/YC	CW/CS
0.0000	4.6000	12.9000	0.3566	0.0000	0.9933
0.0000	3.1000	8.9500	0.3464	0.0000	0.9648
0.6604	4.8000	12.7000	0.3780	0.5210	1.0528
0.6604	4.2000	11.9000	0.3529	0.5210	0.9831
1.5367	4.6000	13.2500	0.3472	1.2124	0.9670
1.5367	4.6000	13.0000	0.3538	1.2124	0.9856
3.6068	4.6500	12.9000	0.3605	2.8457	1.0041
3.6068	3.1000	8.9000	0.3483	2.8457	0.9702
5.8674	4.1000	11.6000	0.3534	4.6293	0.9845
5.8674	3.5500	9.6000	0.3698	4.6293	1.0301
8.5344	4.0000	12.5000	0.3200	6.7335	0.8914
8.5344	4.0500	12.5500	0.3227	6.7335	0.8989
11.7856	3.5500	12.7800	0.2778	9.2986	0.7738
11.7856	3.4000	12.4000	0.2742	9.2986	0.7638
11.7856	3.4000	12.5000	0.2720	9.2986	0.7577
15.9258	2.4000	10.8000	0.2222	12.5651	0.6190
15.9258	2.7500	12.5000	0.2200	12.5651	0.6128
15.9258	2.6500	12.4000	0.2137	12.5651	0.5953
25.7556	1.6000	10.9000	0.1468	20.3206	0.4089
25.7556	1.7000	12.0500	0.1411	20.3206	0.3930
25.7556	1.6500	11.9000	0.1387	20.3206	0.3862
31.6484	1.3300	10.5000	0.1267	24.9699	0.3528
31.6484	1.6000	12.6000	0.1270	24.9699	0.3537

TABLE A-45

ANGLE=70.08
 YC=0.3302 CM
 CS=0.855

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	10.8000	12.4200	0.8696	0.0000	1.0170
0.0000	9.6500	11.5500	0.8355	0.0000	0.9772
0.0000	9.9500	11.7500	0.8468	0.0000	0.9904
1.0008	9.2650	10.9000	0.8500	3.0308	1.0172
1.0008	9.2657	10.8500	0.8540	3.0308	1.0025
2.9972	8.5500	10.6000	0.8066	9.0769	0.9434
2.9972	9.0000	11.5500	0.7792	9.0769	0.9114
5.0038	7.4077	11.4000	0.6498	15.1538	0.7600
5.0038	7.4360	11.1500	0.6669	15.1538	0.7800
8.0010	5.9240	11.0000	0.5386	24.2308	0.6300
8.0010	5.8280	10.9800	0.5301	24.2308	0.6202
15.0114	3.9910	11.2500	0.3548	45.4615	0.4150
15.0114	3.9780	10.9500	0.3633	45.4615	0.4250
18.9992	3.5730	11.0000	0.3249	57.5385	0.3800
18.9992	3.5750	11.3000	0.3164	57.5385	0.3700
18.9992	3.3809	11.3000	0.2992	57.5385	0.3500
24.0030	2.9370	11.4500	0.2565	72.6923	0.3000
24.0030	3.0650	11.9500	0.2565	72.6923	0.3000
29.9974	2.6290	11.8300	0.2223	90.8462	0.2600
29.9974	2.5615	11.7500	0.2180	90.8462	0.2550

TABLE A-46

ANGLE=70.08
 YC=0.3302 CM
 CS=0.860

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	9.3000	10.9000	0.8532	0.0000	0.9921
0.0000	9.2500	10.8000	0.8565	0.0000	0.9959
1.0008	9.3500	10.9000	0.8578	3.0308	0.9974
1.0008	9.2000	10.7500	0.8558	3.0308	0.9951
2.9972	7.0500	8.8500	0.7966	9.0769	0.9263
2.9972	8.1000	10.2000	0.7941	9.0769	0.9234
5.0038	7.9489	11.8500	0.6708	15.1538	0.7800
5.0038	6.8206	10.3000	0.6622	15.1538	0.7700
5.0038	7.2885	11.3000	0.6450	15.1538	0.7500
8.0010	5.9443	10.8000	0.5504	24.2308	0.640
8.0010	5.7312	10.7500	0.5332	24.2308	0.6200
10.9982	5.2941	11.0900	0.4644	33.3077	0.5400
10.9982	5.2941	11.4000	0.4644	33.3077	0.5400
15.0114	3.9839	10.8500	0.3655	45.4615	0.4250
15.0114	3.9190	10.8500	0.3612	45.4615	0.4200
18.9992	3.9599	11.8800	0.3311	57.5385	0.3850
18.9992	3.9240	11.7000	0.3354	57.5385	0.3900
24.0030	3.1501	11.1000	0.2838	72.6923	0.3300
24.0030	2.8070	10.2000	0.2752	72.6923	0.3200
24.0030	2.6393	9.9000	0.2666	72.6923	0.3100
29.9974	2.5765	10.7000	0.2408	90.8462	0.2800
29.9974	2.6384	11.8000	0.2236	90.8462	0.2600

TABLE A-47

ANGLE=70.08
 YC=0.6350 CM
 CS=0.542

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.3048	5.7500	10.8000	0.5324	0.4800	0.9823
0.3048	5.9900	11.0000	0.5445	0.4800	1.0047
1.3056	5.8500	11.0000	0.5318	2.0560	0.9812
1.3056	5.9500	11.3000	0.5265	2.0560	0.9715
3.3020	6.0000	11.3500	0.5286	5.2000	0.9753
3.3020	6.2000	11.5500	0.5368	5.2000	0.9904
5.3086	5.4000	10.6000	0.5094	8.3600	0.9399
5.3086	5.7500	11.5300	0.4987	8.3600	0.9201
8.3058	4.4500	11.3500	0.3921	13.0800	0.7234
8.3058	4.5000	11.6500	0.3863	13.0800	0.7127
11.3030	3.2800	11.3800	0.2882	17.8000	0.5318
11.3030	2.6500	8.7800	0.3018	17.8000	0.5569
19.3040	2.4500	10.8800	0.2252	30.4000	0.4155
19.3040	2.6000	11.6500	0.2232	30.4000	0.4118
24.3078	2.1000	11.7000	0.1795	38.2800	0.3312
24.3078	1.8800	11.5000	0.1635	38.2800	0.3016
30.3022	1.5500	11.1000	0.1396	47.7200	0.2576
30.3022	1.5700	11.2000	0.1402	47.7200	0.2586

TABLE A-48

ANGLE=70.08
 YC=0.6350 CM
 CS=0.542

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.3048	5.1800	9.7000	0.5340	0.4800	0.9853
0.3048	6.3500	11.7500	0.5404	0.4800	0.9971
1.3056	6.2500	11.5800	0.5397	2.0560	0.9958
1.3056	6.2000	11.6000	0.5345	2.0560	0.9861
3.3020	6.1000	11.7000	0.5214	5.2000	0.9619
3.3020	5.9500	11.1000	0.5360	5.2000	0.9890
5.3086	5.9000	11.6500	0.5064	8.3600	0.9344
5.3086	5.6500	11.2500	0.5022	8.3600	0.9266
8.3058	3.8000	11.1500	0.3408	13.0800	0.6288
8.3058	4.4000	11.4000	0.3860	13.0800	0.7121
8.3058	4.1000	11.1000	0.3694	13.0800	0.6815
11.3030	3.2800	11.7000	0.2803	17.8000	0.5172
11.3030	3.3800	12.3000	0.2748	17.8000	0.5070
15.3162	2.5000	11.7200	0.2133	24.1200	0.3936
15.3162	2.3000	10.6000	0.2170	24.1200	0.4003
19.3040	2.0000	11.5000	0.1739	30.4000	0.3209
19.3040	2.2000	12.1700	0.1808	30.4000	0.3335
24.3078	1.7000	11.0000	0.1545	38.2800	0.2851
24.3078	1.5000	10.6800	0.1404	38.2800	0.2591
30.3022	1.4800	11.2000	0.1321	47.7200	0.2438
30.3022	1.6000	11.7000	0.1368	47.7200	0.2523

TABLE A-49

ANGLE=70.08
 YC=1.2649 CM
 CS=0.414

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.5715	3.6500	9.4000	0.3883	0.4518	0.9379
0.5715	3.7500	10.0500	0.3731	0.4518	0.9013
1.5723	4.6200	11.6500	0.3966	1.2430	0.9579
1.5723	4.4000	11.6000	0.3793	1.2430	0.9162
3.5814	4.7000	11.5000	0.4087	2.8313	0.9872
3.5814	4.8200	11.8800	0.4057	2.8313	0.9800
5.5626	5.2500	12.1000	0.4339	4.3976	1.0480
5.5626	4.8500	11.7500	0.4128	4.3976	0.9970
8.5598	4.2500	11.5000	0.3696	6.7671	0.8927
8.5598	4.0000	10.9800	0.3643	6.7671	0.8799
11.5824	3.7000	11.7000	0.3162	9.1566	0.7639
11.5824	3.5500	11.9800	0.2963	9.1566	0.7158
11.5824	3.7000	11.6500	0.3176	9.1566	0.7671
15.5702	2.5000	11.5000	0.2174	12.3092	0.5251
15.5702	2.6000	11.8000	0.2203	12.3092	0.5322
19.5834	2.0000	11.2500	0.1778	15.4819	0.4294
19.5834	2.0000	11.2000	0.1786	15.4819	0.4313
24.5618	1.7500	11.1500	0.1570	19.4177	0.3791
24.5618	1.7500	11.1500	0.1570	19.4177	0.3791
30.5562	1.5500	11.7500	0.1319	24.1566	0.3186
30.5562	1.4800	11.8000	0.1254	24.1566	0.3030

TABLE A-50

ANGLE=70.08
 YC=1.2649 CM
 CS=0.370

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.5715	4.2800	11.6500	0.3674	0.4518	0.9929
0.5715	4.1000	11.3500	0.3612	0.4518	0.9763
1.5723	4.4000	11.9500	0.3682	1.2430	0.9951
1.5723	3.7500	10.1500	0.3695	1.2430	0.9985
3.5814	3.5000	10.5000	0.3333	2.8313	0.9009
3.5814	3.8000	10.8800	0.3493	2.8313	0.9440
5.5626	4.2700	11.7500	0.3634	4.3976	0.9822
5.5626	3.8000	10.5000	0.3619	4.3976	0.9781
8.5598	3.7000	10.9000	0.3394	6.7671	0.9174
8.5598	3.8000	11.1000	0.3423	6.7671	0.9252
11.5824	3.5000	11.6500	0.3004	9.1566	0.8120
11.5824	3.3000	11.3000	0.2920	9.1566	0.7893
15.5702	2.3500	10.6500	0.2207	12.3092	0.5964
15.5702	2.4000	10.8000	0.2222	12.3092	0.6006
19.5834	1.9800	11.9000	0.1664	15.4819	0.4497
19.5834	1.6000	10.8000	0.1481	15.4819	0.4004
24.5618	1.7000	11.9500	0.1423	19.4177	0.3845
24.5618	1.4800	10.7000	0.1383	19.4177	0.3738
30.5562	1.3000	11.4000	0.1140	24.1566	0.3082
30.5562	1.4000	12.7500	0.1098	24.1566	0.2968

TABLE A-51

ANGLE=90.00

YC=0.3251 CM

CS=2.025

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	18.5500	8.8500	2.0960	0.0000	1.0351
0.0000	13.1500	6.5000	2.0231	0.0000	0.9991
0.0000	15.1000	7.2000	2.0972	0.0000	1.0357
0.0000	20.2500	10.3000	1.9660	0.0000	0.9709
1.0000	13.5000	6.7000	2.0149	3.0758	0.9950
1.0000	20.9000	10.6000	1.9717	3.0758	0.9737
1.0000	16.3500	7.9000	2.0696	3.0758	1.0220
1.0000	16.1500	7.9500	2.0314	3.0758	1.0032
1.8700	18.7000	9.8000	1.9082	5.7517	0.9423
1.8700	12.8000	6.2000	2.0645	5.7517	1.0195
1.8700	13.9000	7.2000	1.9306	5.7517	0.9534
3.0000	11.8000	9.1500	1.2896	9.2274	0.6368
3.0000	12.9000	10.2000	1.2647	9.2274	0.6245
3.0000	16.0000	12.6500	1.2648	9.2274	0.6246
4.9000	20.0500	13.8000	1.4529	15.0714	0.7175
4.9000	20.5000	13.7000	1.4964	15.0714	0.7369
4.9000	19.9000	13.4000	1.4851	15.0714	0.7334
6.9000	17.4500	13.4000	1.3022	21.2229	0.6431
6.9000	15.8500	12.3000	1.2886	21.2229	0.6364
6.9000	15.0000	11.6500	1.2876	21.2229	0.6358
8.9000	12.0000	11.5000	1.0435	27.3745	0.5153
8.9000	11.8000	11.3500	1.0396	27.3745	0.5134
8.9000	11.7500	11.4000	1.0307	27.3745	0.5090
11.9000	9.9000	11.3000	0.8761	36.6019	0.4326
11.9000	10.0500	11.7500	0.8553	36.6019	0.4224
11.9000	10.7000	11.9600	0.8946	36.6019	0.4418
14.9500	8.3000	11.0000	0.7545	45.9830	0.3726
14.9500	8.0500	10.6000	0.7594	45.9830	0.3750
14.9500	8.0000	10.5000	0.7619	45.9830	0.3762
22.3000	7.0500	12.0500	0.5851	68.5901	0.2889
22.3000	6.9500	11.6000	0.5991	68.5901	0.2959
22.3000	7.4000	12.1000	0.6116	68.5901	0.3020

TABLE A-52

ANGLE=90.00

YC=0.3251 CM

CS=1.600

X (CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	12.9000	8.3500	1.5449	0.0000	0.9656
0.0000	14.5000	9.3500	1.5508	0.0000	0.9693
0.0000	10.7000	6.7500	1.5852	0.0000	0.9907
0.0000	13.4000	9.0000	1.4889	0.0000	0.9306
1.0000	20.1000	12.6500	1.5889	3.0758	0.9931
1.0000	15.3000	9.5000	1.6105	3.0758	1.0066
1.0000	18.8000	11.7000	1.6068	3.0758	1.0043
1.0000	18.7000	11.8000	1.5847	3.0758	0.9905
1.0000	21.5500	14.3000	1.5070	3.0758	0.9419
1.0000	19.6000	12.9000	1.5194	3.0758	0.9496
1.0000	10.4500	6.5000	1.6077	3.0758	1.0048
1.0000	20.0500	12.6500	1.5850	3.0758	0.9906
1.8700	20.3000	13.4000	1.5149	5.7517	0.9468
1.8700	15.5000	9.8000	1.5816	5.7517	0.9885
1.8700	19.9000	12.4000	1.6048	5.7517	1.0030
1.8700	18.7000	11.5500	1.6190	5.7517	1.0119
1.8700	12.6000	8.0000	1.5750	5.7517	0.9844
4.9000	17.4000	13.9000	1.2518	15.0714	0.7824
4.9000	14.2000	11.0000	1.2909	15.0714	0.8068
4.9000	18.7500	14.4000	1.3021	15.0714	0.8138
6.9000	18.2000	17.1500	1.0612	21.2229	0.6633
6.9000	19.4000	17.4500	1.1117	21.2229	0.6948
6.9000	18.0000	16.5000	1.0909	21.2229	0.6818
8.9000	13.5000	14.2500	0.9474	27.3745	0.5921
8.9000	15.5500	17.1000	0.9094	27.3745	0.5683
8.9000	18.2500	19.9000	0.9171	27.3745	0.5732
11.9000	11.6500	14.9000	0.7819	36.6019	0.4887
11.9000	12.8000	19.4000	0.6598	36.6019	0.4124
11.9000	15.0000	19.0000	0.7895	36.6019	0.4934
11.9000	14.3000	18.4000	0.7772	36.6019	0.4857
11.9000	14.7000	19.4500	0.7558	36.6019	0.4724
14.9500	12.4000	18.4500	0.6721	45.9830	0.4201
14.9500	12.4000	18.7000	0.6631	45.9830	0.4144
14.9500	11.3000	17.0000	0.6647	45.9830	0.4154
22.3000	8.2500	16.3500	0.5046	68.5901	0.3154
22.3000	7.5500	15.2000	0.4967	68.5901	0.3104
22.3000	8.7500	17.2500	0.5072	68.5901	0.3170
22.3000	7.4000	14.6000	0.5068	68.5901	0.3168

TABLE A-53

ANGLE=90.00

YC=0.3226 CM

CS=1.370

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	10.1000	7.2500	1.3931	0.0000	1.0169
0.0000	20.2500	15.0000	1.3500	0.0000	0.9854
0.0000	21.5000	15.4500	1.3916	0.0000	1.0158
0.0000	21.9000	15.7000	1.3949	0.0000	1.0182
0.0000	21.7500	16.1000	1.3509	0.0000	0.9861
1.0000	24.4500	17.9000	1.3659	3.1000	0.9970
1.0000	21.8000	16.1000	1.3540	3.1000	0.9883
1.0000	20.3000	14.9000	1.3624	3.1000	0.9945
1.8700	20.2500	15.3000	1.3235	5.7970	0.9661
1.8700	18.4500	13.8500	1.3321	5.7970	0.9724
1.8700	20.1000	15.4000	1.3052	5.7970	0.9527
3.0000	18.0500	14.9000	1.2114	9.3000	0.8842
3.0000	18.7500	15.4500	1.2136	9.3000	0.8858
3.0000	18.0500	14.8000	1.2196	9.3000	0.8902
4.9000	15.3000	14.8000	1.0338	15.1900	0.7546
4.9000	16.6500	16.0000	1.0406	15.1900	0.7596
4.9000	16.0500	15.3500	1.0456	15.1900	0.7632
4.9000	16.1500	15.9500	1.0125	15.1900	0.7391
6.9000	13.6000	15.3000	0.8889	21.3900	0.6488
6.9000	13.6000	15.6000	0.8718	21.3900	0.6363
6.9000	13.4000	15.5000	0.8645	21.3900	0.6310
8.9000	12.0000	15.6500	0.7668	27.5901	0.5597
8.9000	9.7500	12.4000	0.7863	27.5901	0.5739
8.9000	11.7000	15.1000	0.7748	27.5901	0.5656
8.9000	12.2000	16.1000	0.7578	27.5901	0.5531
11.9000	9.9500	14.9000	0.6678	36.8901	0.4874
11.9000	10.0000	14.8000	0.6757	36.8901	0.4932
11.9000	10.0000	15.0000	0.6667	36.8901	0.4866
14.9500	9.1000	16.1000	0.5652	46.3451	0.4126
14.9500	8.8000	16.6500	0.5285	46.3451	0.3858
14.9500	9.1000	16.2000	0.5617	46.3451	0.4100
22.3000	6.3000	14.4000	0.4375	69.1301	0.3193
22.3000	6.5000	14.5000	0.4483	69.1301	0.3272
22.3000	6.5500	14.6500	0.4471	69.1301	0.3263
22.3000	6.6000	14.8000	0.4459	69.1301	0.3255
37.0000	8.1500	21.9000	0.3721	114.7002	0.2716
37.0000	7.1500	19.1500	0.3734	114.7002	0.2725
37.0000	6.8000	18.7000	0.3636	114.7002	0.2654
37.0000	7.9500	21.0000	0.3786	114.7002	0.2763

TABLE A-54

ANGLE=90.00

YC=0.3226 CM

CS=1.411

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	14.8000	10.5000	1.4095	0.0000	0.9990
0.0000	13.6000	9.8000	1.3878	0.0000	0.9835
0.0000	21.7000	15.4500	1.4045	0.0000	0.9954
0.0000	21.1000	14.7500	1.4305	0.0000	1.0138
1.0000	21.2000	14.9000	1.4228	3.1000	1.0084
1.0000	21.3000	14.8000	1.4392	3.1000	1.0200
1.8700	20.4500	14.8500	1.3771	5.7970	0.9760
1.8700	21.1000	14.9000	1.4161	5.7970	1.0036
3.0000	19.6000	15.5000	1.2645	9.3000	0.8962
3.0000	18.6000	14.8000	1.2568	9.3000	0.8907
4.9000	16.0000	15.0000	1.0667	15.1900	0.7560
4.9000	15.7500	14.6000	1.0788	15.1900	0.7645
6.9000	13.7500	15.0000	0.9167	21.3900	0.6497
6.9000	13.5000	15.6000	0.8654	21.3900	0.6133
6.9000	13.7500	15.4000	0.8929	21.3900	0.6328
8.9000	12.1000	15.5500	0.7781	27.5901	0.5515
8.9000	11.8000	14.9000	0.7919	27.5901	0.5613
8.9000	11.5500	15.0000	0.7700	27.5901	0.5457
11.9000	9.6500	14.4500	0.6678	36.8901	0.4733
11.9000	9.9500	14.4000	0.6910	36.8901	0.4897
14.9500	9.2000	10.7000	0.8598	46.3451	0.6094
14.9500	8.5000	14.7000	0.5782	46.3451	0.4098
22.3000	7.2000	16.0000	0.4500	69.1301	0.3189
22.3000	7.0000	15.6000	0.4487	69.1301	0.3180
22.3000	6.7500	15.5000	0.4355	69.1301	0.3086
37.0000	2.7500	11.4000	0.2412	114.7002	0.1710
37.0000	2.6000	10.2500	0.2537	114.7002	0.1798

TABLE A-55

ANGLE=90.00

YC=0.6350 CM

CS=0.835

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	12.2000	15.0000	0.8133	0.0000	0.9741
0.0000	12.3000	14.9500	0.8227	0.0000	0.9853
1.0000	13.0000	15.8000	0.8228	1.5748	0.9854
1.0000	11.7000	14.2000	0.8239	1.5748	0.9868
1.0000	11.2000	13.5000	0.8296	1.5748	0.9936
1.8700	12.2500	15.1500	0.8086	2.9449	0.9684
1.8700	11.9000	14.8000	0.8041	2.9449	0.9629
3.0000	12.4000	14.6500	0.8464	4.7244	1.0137
3.0000	13.2500	15.7000	0.8439	4.7244	1.0107
4.9000	12.1500	16.3000	0.7454	7.7165	0.8927
4.9000	11.9000	15.1000	0.7881	7.7165	0.9438
4.9000	11.7000	15.1500	0.7723	7.7165	0.9249
4.9000	11.7000	15.6500	0.7476	7.7165	0.8953
6.9000	9.9000	14.0000	0.7071	10.8661	0.8469
6.9000	10.7000	14.8000	0.7230	10.8661	0.8658
6.9000	10.0000	14.7000	0.6803	10.8661	0.8147
6.9000	10.5000	14.8000	0.7095	10.8661	0.8497
8.9000	9.2000	15.6000	0.5897	14.0157	0.7063
8.9000	9.1000	15.3000	0.5948	14.0157	0.7123
8.9000	9.3000	15.5000	0.6000	14.0157	0.7186
11.9000	7.3000	14.8500	0.4916	18.7402	0.5887
11.9000	7.4000	15.2000	0.4868	18.7402	0.5830
11.9000	7.5000	15.5000	0.4839	18.7402	0.5795
14.9500	5.7000	14.1000	0.4043	23.5433	0.4841
14.9500	6.0500	14.8000	0.4088	23.5433	0.4896
14.9500	6.0000	14.6000	0.4110	23.5433	0.4922
22.3000	4.0000	15.1000	0.2649	35.1181	0.3172
22.3000	3.9000	14.8000	0.2635	35.1181	0.3156

TABLE A-56

ANGLE=90.00
 YC=0.6350 CM
 CS=0.717

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	7.7000	10.7000	0.7196	0.0000	1.0037
0.0000	8.1000	11.1500	0.7265	0.0000	1.0132
1.0000	7.7000	11.0000	0.7000	1.5748	0.9763
1.0000	7.7000	10.8000	0.7130	1.5748	0.9944
1.8700	7.6500	11.0000	0.6955	2.9449	0.9700
1.8700	7.7000	10.8000	0.7130	2.9449	0.9944
1.8700	7.5000	10.6000	0.7075	2.9449	0.9868
3.0000	7.7000	11.0000	0.7000	4.7244	0.9763
3.0000	7.7500	11.0000	0.7045	4.7244	0.9826
4.9000	7.2000	11.0000	0.6545	7.7165	0.9129
4.9000	7.2500	10.8000	0.6713	7.7165	0.9363
4.9000	7.1000	10.8500	0.6544	7.7165	0.9127
6.9000	6.3000	11.1000	0.5676	10.8661	0.7916
6.9000	6.1500	11.0000	0.5591	10.8661	0.7798
8.9000	5.4000	11.4000	0.4737	14.0157	0.6606
8.9000	5.3500	11.1500	0.4798	14.0157	0.6692
8.9000	5.2000	11.0000	0.4727	14.0157	0.6593
11.9000	4.1500	11.1000	0.3739	18.7402	0.5214
11.9000	4.0000	10.6500	0.3756	18.7402	0.5238
14.9500	3.4000	10.8000	0.3148	23.5433	0.4391
14.9500	3.4000	10.8000	0.3148	23.5433	0.4391
22.3000	2.7000	10.8000	0.2500	35.1181	0.3487
22.3000	2.6000	11.0000	0.2364	35.1181	0.3297
22.3000	2.6000	11.3000	0.2301	35.1181	0.3209

TABLE A-57

ANGLE=90.00
 YC=0.6350 CM
 CS=0.706

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	5.5000	8.6000	0.6395	0.0000	0.9059
0.0000	7.2000	11.3000	0.6372	0.0000	0.9025
0.0000	1.000	8.2000	0.6220	0.0000	0.8810
0.0000	7.6000	11.0000	0.6909	0.0000	0.9786
0.0000	7.8000	10.8000	0.7222	0.0000	1.0230
1.0000	7.6000	10.9000	0.6972	1.5748	0.9876
1.0000	7.8500	11.6000	0.6767	1.5748	0.9585
1.0000	7.5000	10.7000	0.7009	1.5748	0.9928
1.8700	7.5000	11.1000	0.6757	2.9449	0.9570
1.8700	7.5500	10.9100	0.6920	2.9449	0.9802
3.0000	7.6000	11.2000	0.6786	4.7244	0.9611
3.0000	7.1000	10.2000	0.6961	4.7244	0.9859
4.9000	6.5000	10.4000	0.6250	7.7165	0.8853
4.9000	6.8000	10.6000	0.6415	7.7165	0.9087
6.9000	6.2500	11.0000	0.5682	10.8661	0.8048
6.9000	6.0000	10.6000	0.5660	10.8661	0.8018
8.9000	5.4000	11.2000	0.4821	14.0157	0.6829
8.9000	5.5000	11.4000	0.4825	14.0157	0.6834
11.9000	4.4000	11.1000	0.3964	18.7402	0.5615
11.9000	4.3000	10.1500	0.4236	18.7402	0.6001
11.9000	4.3500	11.3000	0.3850	18.7402	0.5453
11.9000	4.0000	10.7000	0.3738	18.7402	0.5295
14.9500	3.2000	10.9000	0.2936	23.5433	0.4158
14.9500	3.8000	11.2000	0.3393	23.5433	0.4806
14.9500	3.6500	11.5000	0.3174	23.5433	0.4496
22.3000	2.8000	11.1500	0.2511	35.1181	0.3557
22.3000	2.7000	11.0000	0.2455	35.1181	0.3477
22.3000	2.7500	11.3000	0.2434	35.1181	0.3447

TABLE A-58

ANGLE=90.00

YC=0.6426 CM

CS=1.168

0.0000	17.6000	15.5000	1.1355	0.0000	0.9722
0.0000	16.9000	14.7000	1.1497	0.0000	0.9843
0.0000	17.7000	15.5500	1.1383	0.0000	0.9745
1.0000	17.4000	14.8000	1.1757	1.5561	1.0066
1.0000	16.3000	14.4000	1.1319	1.5561	0.9691
1.0000	16.2000	14.5000	1.1172	1.5561	0.9565
1.8700	16.5000	14.3000	1.1538	2.9100	0.9879
1.8700	16.2000	14.0000	1.1571	2.9100	0.9907
1.8700	16.0000	14.2000	1.1268	2.9100	0.9647
1.8700	15.5000	13.8500	1.1191	2.9100	0.9582
3.0000	17.8000	16.1000	1.1056	4.6684	0.9466
3.0000	16.7000	14.6000	1.1438	4.6684	0.9793
3.0000	16.4000	14.6000	1.1233	4.6684	0.9617
4.9000	15.5500	14.0000	1.1107	7.6250	0.9510
4.9000	16.8000	15.1500	1.1089	7.6250	0.9494
4.9000	16.4000	14.8000	1.1081	7.6250	0.9487
6.9000	13.9500	14.6000	0.9555	10.7373	0.8180
6.9000	14.2000	14.7000	0.9660	10.7373	0.8270
6.9000	12.6500	13.6000	0.9301	10.7373	0.7964
8.9000	15.7000	19.5000	0.8051	13.8496	0.6893
8.9000	16.2500	20.5000	0.7927	13.8496	0.6787
8.9000	15.5700	19.7000	0.7904	13.8496	0.6767
11.9000	12.4500	19.8000	0.6288	18.5179	0.5383
11.9000	12.3000	19.8000	0.6212	18.5179	0.5319
11.9000	13.1000	20.5500	0.6375	18.5179	0.5458
14.9500	9.8500	18.2000	0.5412	23.2641	0.4634
14.9500	10.6500	19.5000	0.5462	23.2641	0.4676
14.9500	10.6500	19.5000	0.5462	23.2641	0.4676
14.9500	10.0000	19.5000	0.5128	23.2641	0.4391
14.9500	9.8000	18.4000	0.5326	23.2641	0.4560
22.3000	7.7500	18.5500	0.4178	34.7017	0.3577
22.3000	7.5000	17.7000	0.4237	34.7017	0.3628
22.3000	7.6000	18.6000	0.4086	34.7017	0.3498

TABLE A-59

ANGLE=90.00
 YC=1.2624 CM
 CS=0.499

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	5.2000	11.3000	0.4602	0.0000	0.9222
0.0000	4.9500	10.8500	0.4562	0.0000	0.9143
0.0000	5.4000	11.0000	0.4909	0.0000	0.9838
0.0000	5.2500	10.8000	0.4861	0.0000	0.9742
1.0000	5.2000	10.5000	0.4952	0.7922	0.9925
1.0000	5.2500	10.4000	0.5048	0.7922	1.0116
1.8700	5.1000	10.3000	0.4951	1.4813	0.9923
1.8700	5.3500	10.6000	0.5047	1.4813	1.0115
3.0000	5.5000	11.2000	0.4911	2.3765	0.9841
3.0000	5.2500	10.6500	0.4930	2.3765	0.9879
4.9000	5.3500	11.2500	0.4756	3.8816	0.9530
4.9000	5.4000	11.2000	0.4821	3.8816	0.9662
6.9000	5.1000	10.9000	0.4679	5.4659	0.9377
6.9000	5.3500	11.5000	0.4652	5.4659	0.9323
6.9000	5.1000	11.4000	0.4474	5.4659	0.8965
8.9000	4.2000	10.1000	0.4158	7.0502	0.8333
8.9000	4.4000	10.9500	0.4018	7.0502	0.8053
11.9000	3.5000	10.5000	0.3333	9.4266	0.6680
11.9000	3.5500	10.9000	0.3257	9.4266	0.6527
14.9500	2.8000	9.9000	0.2828	11.8427	0.5668
14.9500	3.0000	10.8000	0.2778	11.8427	0.5567
14.9500	3.1000	10.8000	0.2870	11.8427	0.5752
22.3000	2.5000	11.5000	0.2174	17.6650	0.4357
22.3000	2.4000	11.1000	0.2162	17.6650	0.4333

TABLE A-60

ANGLE=90.00
 YC=1.2624 CM
 CS=0.518

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	5.0000	10.0000	0.5000	0.0000	0.9653
0.0000	4.8000	9.7000	0.4948	0.0000	0.9553
0.0000	5.3000	10.6000	0.5000	0.0000	0.9653
0.0000	5.6500	11.2500	0.5022	0.0000	0.9695
1.0000	5.5000	10.3000	0.5340	0.7922	1.0309
1.8700	5.5000	10.7000	0.5140	1.4813	0.9923
3.0000	5.5500	11.1500	0.4978	2.3765	0.9609
4.9000	5.4000	10.5500	0.5118	3.8816	0.9881
6.9000	4.8000	10.3000	0.4660	5.4659	0.8997
6.9000	4.9500	10.6500	0.4648	5.4659	0.8973
8.9000	4.5000	10.4000	0.4327	7.0502	0.8353
8.9000	4.3500	10.2000	0.4265	7.0502	0.8233
11.9000	3.5000	10.0000	0.3500	9.4266	0.6757
11.9000	3.9500	11.2000	0.3527	9.4266	0.6808
14.9500	3.1500	10.7000	0.2944	11.8427	0.5683
14.9500	3.0000	10.4000	0.2885	11.8427	0.5569
22.3000	2.2500	10.4000	0.2163	17.6650	0.4177
22.3000	2.5000	11.0000	0.2273	17.6650	0.4388
22.3000	2.2000	11.1000	0.1982	17.6650	0.3826

TABLE A-61

ANGLE=90.00
 YC=1.2725 CM
 CS=0.701

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	40.0000	60.0000	0.6667	0.0000	0.9510
0.0000	50.0000	83.3000	0.6002	0.0000	0.8563
0.0000	55.0000	79.0000	0.6962	0.0000	0.9932
1.0000	56.0000	79.5000	0.7044	0.7858	1.0049
1.8700	56.0000	81.0000	0.6914	1.4695	0.9862
3.0000	58.5000	82.5000	0.7091	2.3575	1.0115
4.9000	56.5000	84.0000	0.6726	3.8506	0.9595
6.9000	52.0000	79.0000	0.6582	5.4222	0.9390
8.9000	48.1000	83.2000	0.5781	6.9939	0.8247
11.9000	41.2000	85.2000	0.4836	9.3514	0.6898
14.9500	33.7000	82.2000	0.4100	11.7482	0.5848
22.3000	27.5000	81.0000	0.3395	17.5240	0.4843

TABLE A-62

ANGLE=90.00

YC=1.2725 CM

CS=0.702

X(CM)	P-ACT	P-AIR	CW	X/YC	CW/CS
0.0000	10.8500	17.1000	0.6345	0.0000	0.9039
0.0000	11.1000	17.6500	0.6289	0.0000	0.8959
0.0000	10.1000	14.9000	0.6779	0.0000	0.9656
0.0000	14.1000	20.6000	0.6845	0.0000	0.9750
0.0000	12.2000	17.3500	0.7032	0.0000	1.0017
0.0000	13.8000	19.7000	0.7005	0.0000	0.9979
0.0000	13.2000	19.1000	0.6911	0.0000	0.9845
0.0000	13.8000	19.7000	0.7005	0.7858	0.9979
1.0000	12.0500	17.1500	0.7026	0.7858	1.0009
1.0000	13.9500	19.9500	0.6992	0.7858	0.9961
1.0000	14.1000	19.8000	0.7121	1.4695	1.0144
1.8700	13.9000	20.1000	0.6915	1.4695	0.9851
1.8700	14.3500	19.6000	0.7321	1.4695	1.0429
1.8700	13.9500	20.2000	0.6906	1.4695	0.9838
3.0000	14.2500	20.2000	0.7054	2.3575	1.0049
3.0000	14.3000	20.4000	0.7010	2.3575	0.9985
3.0000	13.8000	19.8500	0.6952	2.3575	0.9903
4.9000	14.1000	20.0500	0.7032	3.8506	1.0018
4.9000	13.9000	20.2000	0.6881	3.8506	0.9802
4.9000	13.7500	20.4000	0.6740	3.8506	0.9601
6.9000	12.9000	19.7000	0.6548	5.4222	0.9328
6.9000	12.8000	19.6000	0.6531	5.4222	0.9303
6.9000	12.6000	19.6500	0.6412	5.4222	0.9134
6.9000	12.2500	18.7500	0.6533	5.4222	0.9307
8.9000	11.8000	20.5500	0.5742	6.9939	0.8180
8.9000	11.6000	19.9000	0.5829	6.9939	0.8304
8.9000	11.0500	19.0000	0.5816	6.9939	0.8285
11.9000	10.2000	21.0500	0.4846	9.3514	0.6903
11.9000	10.4500	21.0000	0.4976	9.3514	0.7089
11.9000	9.9000	20.4000	0.4853	9.3514	0.6913
14.9500	8.3000	20.3500	0.4079	11.7482	0.5810
14.9500	8.5500	20.9000	0.4091	11.7482	0.5828
14.9500	8.1000	19.5000	0.4154	11.7482	0.5917
22.3000	7.0000	20.5000	0.3415	17.5240	0.4864
22.3000	6.6500	19.6000	0.3393	17.5240	0.4833